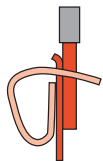


Terminals, Z-Series

| | |
|---|-------|
| Terminals, Z-Series | |
| Overview Z-Series | D.2 |
| Feed-through terminals | D.4 |
| Modular PE terminals | D.22 |
| Double/Multi level terminals | D.38 |
| Test-disconnect terminals | D.52 |
| Fuse terminals | D.56 |
| Installation terminals | D.60 |
| Overview WeiCoS | D.68 |
| Pluggable standard terminals WeiCoS | D.70 |
| Modular distribution assembly system / Initiator and actuator terminals | D.90 |
| Mini terminals | D.94 |
| Terminals with electronic components | D.102 |
| Test-disconnect terminals | D.110 |
| Accessories Z-Series | D.112 |

Z-Series / Tension clamp connection technology



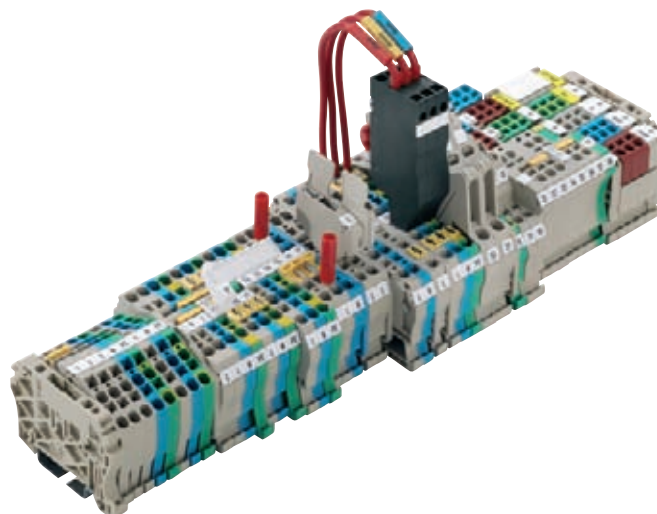
Modular terminals with tension clamp connections – the Z-Series – were specially designed to meet customers' requirements:

Compact size, generous marking surfaces, integral test point, cross-connection options within the Z-Series and to other Weidmüller modular terminals.

D

The Z-Series terminals have a wide clamping range and can accommodate one or two cross-connection channels.

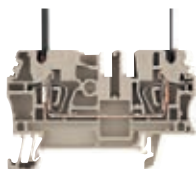
The plug-in standard cross-connections enable potentials to be distributed over any number of terminals.



Versions

Z-Standard

- Conductor cross-sections from 0.13 to 16 mm²
- Top-entry conductor insertion parallel with screwdriver operation



Z-Roof

- Conductor cross-sections from 0.13 to 16 mm²
- Length reduced by up to 36 %
- Conductor and screwdriver inserted at an angle



Product overview

| Rated cross-section | 1.5 mm ² | | 2.5 mm ² | | 4 mm ² | | 6 mm ² | | 10 mm ² | | 16 mm ² | | 35 mm ² | |
|---|---------------------|------|---------------------|------|-------------------|------|-------------------|------|--------------------|------|--------------------|------|--------------------|------|
| | Standard | Roof | Standard | Roof | Standard | Roof | Standard | Roof | Standard | Roof | Standard | Roof | Standard | Roof |
| Feed-through terminals | | | | | | | | | | | | | | |
| 2 connections | • | | • | • | • | • | • | • | • | | • | • | | • |
| 3 connections | • | | • | • | • | • | • | • | • | | • | | | |
| 4 connections | • | | • | • | • | • | | | | | | | | |
| 2 x 2 connections | • | | • | | | | | | | | | | | |
| PE terminals | | | | | | | | | | | | | | |
| 2 connections | • | | • | • | • | • | • | • | • | | • | • | | • |
| 3 connections | • | | • | • | • | • | • | • | • | | • | | | |
| 4 connections | • | | • | • | • | • | | | | | | | | |
| Fuse terminals | | | • | • | | | | | • | | | | | |
| Disconnect test terminal blocks | | | • | • | | | | • | | | | | | |
| Power supply terminals | | | | | | | • | | | | • | • | | |
| Neutral conductor terminals | | | | • | | • | | • | | • | | • | | • |
| Two-tier terminals | • | | • | • | | • | | • | | | | | | |
| Three-conductor/distribution terminals | | | | • | | | | | | | | | | |
| Plug-in terminals | | | • | | • | | | | | | | | | |
| Miniature block terminals | | | • | | | | | | | | | | | |
| Initiator / actuator terminals | | | • | | | | | | | | | | | |
| Terminals with electronic components | | | • | • | | • | | | | | | | | |

1 The connection

In accordance with the Weidmüller contact principle, the electrical and mechanical functions are also kept separate in the tension clamp connection system, thus ensuring galvanic isolation.

- Tension clamp made from high-quality stainless steel for optimum contact forces
- Copper current bar for minimum through resistance.



2 Plug-in cross-connections

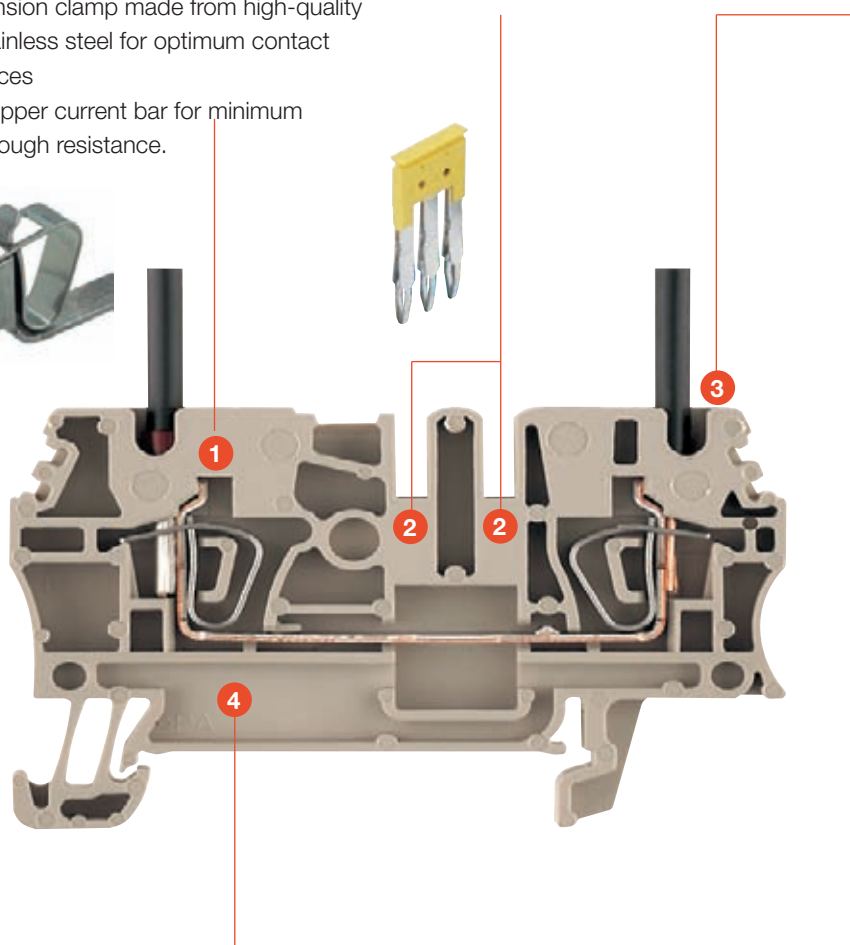
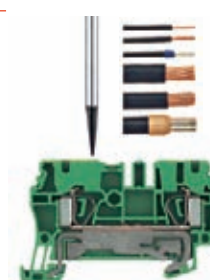
- 2- to 10-pole, or “continuous” for custom assemble.
- Full rated current
- Breakout poles for bypassing other connections.



3 Easy to use

Practical connection thanks to parallel insertion of conductor and screwdriver.

- TOP connection system
- No special tools required
- Integral test point.



The Wemid insulating material

- Non-tracking, CTI 600
- Thermally stable up to 120 °C
- V0 flammability class to UL 94
- Free from halogen and phosphor flame-retardant substances

Clarity means reliability

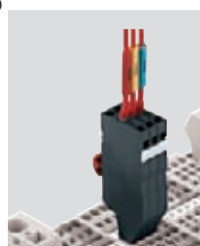
- Easy to use thanks to generous clamping space to IEC 60947-1
- Suitable for connecting conductors from 0.08 to 35 mm²
- For clamping one conductor per clamping point to IEC 60999

4 Reliable contact

- Maintenance-free connection for reliable contact throughout the lifetime of the terminal
- Gas-tight contact zone
- Surface of current bar treated to prevent oxidation
- Absolutely 100 % vibration-resistant.
- High contact forces

Comprehensive accessories

- Test adapter, test plug
- Can be used with standard and group markers
- End plates / partition plates
- Covers
- Reducing sleeves



Standards and directives

The reliable contact and dependability of the Weidmüller systems are verified by:

- Type tests to IEC 60947-7-1/-2/-3 standards
- Supplementary Weidmüller test regimes
- National and international approvals
- ATEX approval
- IECEx approved



Feed-through terminals

Standard form

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|-------------------|
| Width/Length/height with TS35x7.5 | mm |
| max. current / max. cond. cross-section | A/mm ² |
| Max. clamping range | mm ² |



Technical data

| Rated data | |
|--|-----------------|
| Rated voltage | V |
| Rated current | A |
| Rated cross-section | mm ² |
| Rated impulse voltage / Pollution severity | kV/- |
| Gauge to IEC 60947-1 / UL94 Flammability class | |
| Approvals | |
| Clamped conductors (H05V/H07V) | |
| solid / stranded | mm ² |
| flexible / Stranded wire with end ferrules | mm ² |
| Stripping length / Blade size | mm/- |
| Note | |

Ordering data

| Version | |
|---------|------------------|
| | Dark beige Wemid |
| | Blue Wemid |
| Note | |

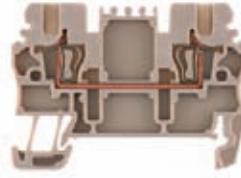
Accessories

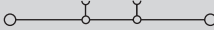
| Pluggable cross-connection | |
|--|---|
|  | 2-pole |
| | 3-pole |
| | 4-pole |
| | 10-pole |
| | 20-/24-pole |
| End plate / partition | |
| | Dark beige Wemid |
| | Blue Wemid |
| End bracket | |
| | Dark beige Wemid |
| Test adapter | |
| | Standard |
| | With assembly peg |
| Screwdriver | |
| | Standard |
| Reducing sleeves | |
| | For conductors < 0,5 mm ² / AWG 20 |
| | For conductors < 1,0 mm ² / AWG 18 |
| Cover | |
|  | With lightning flash symbol |
| Marking systems | |
| | (see assortment in catalogue 7) |
| | Marking tags |
| For detailed information on other accessories and applications, refer to the „Accessories“ section | |



ZDU 1.5

1.5 mm²

Two connections



| | |
|-------------------|--|
| 3.5 x 51.5 x 37 |  |
| 17.5 / 1.5 | |
| 0.05...1.5 | |

| IEC 60947-7-1 | | | | Ex e ll  II 2 G D | | | |
|---|-------------|-------------|------------|--|-------------|-------------|------------|
| IEC | UL | CSA | EN 60079-7 | IEC | UL | CSA | EN 60079-7 |
| 500 | 300 | 300 | 550 | 500 | 300 | 300 | 550 |
| 17.5 | 15 | 20 | 15 | 17.5 | 15 | 20 | 15 |
| 1.5 | AWG 30...14 | AWG 26...14 | 1.5 | 1.5 | AWG 30...14 | AWG 26...14 | 1.5 |
| | | | | 6 / 3 | | | |
| | | | | B1 / V-0 | | | |
|  | | | | KEMA 01ATEX2106 U | | | |
| Rated connection | | | | | | | |
| 0.5...1.5 | | | | | | | |
| 0.5...1.5 / 0.5...1.5 | | | | | | | |
| 10 / 0.4 x 2.0 mm | | | | | | | |
| Note | | | | | | | |

| Type | Qty | Order No. |
|------------|-----|------------|
| ZDU 1.5 | 100 | 1775480000 |
| ZDU 1.5 BL | 100 | 1775490000 |
| Note | | |

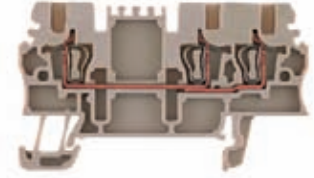
| Type | current | Qty | Order No. |
|----------------------|---------|-----|------------|
| ZQV 1.5/2 | 17.5 A | 60 | 1776120000 |
| ZQV 1.5/3 | 17.5 A | 60 | 1776130000 |
| ZQV 1.5/4 | 17.5 A | 60 | 1776140000 |
| ZQV 1.5/10 | 17.5 A | 20 | 1776200000 |
| Width | | | |
| ZAP/TW ZDU1.5/2AN | 2 mm | 20 | 1776030000 |
| ZAP/TW ZDU1.5/2AN BL | 2 mm | 20 | 1776040000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 5 | 3.5 mm | 25 | 1776210000 |
| ZTA 5/ZA | 3.5 mm | 25 | 1776220000 |
| SD 0.4x2.0x60 | | 1 | 9037160000 |
| ZRH 1.5S/1 | | 500 | 1781950000 |
| ZRH 1.5S/2 | | 500 | 1781960000 |
| ZAD 7/4 | | 20 | 1781940000 |
| Note | | | |

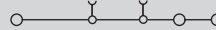
| Type | Qty | Order No. |
|-----------------------|-----|-----------|
| DEK 5/3,5 / WS 12/3,5 | | |
| Note | | |



ZDU 1.5/3 AN

1.5 mm²

Three connections



| | |
|-------------------|---|
| 3.5 x 63.5 x 37 |  |
| 17.5 / 1.5 | |
| 0.05...1.5 | |

| IEC 60947-7-1 | | | | Ex e ll  II 2 G D | | | |
|---|-------------|-------------|------------|--|-------------|-------------|------------|
| IEC | UL | CSA | EN 60079-7 | IEC | UL | CSA | EN 60079-7 |
| 500 | 300 | 300 | 550 | 500 | 300 | 300 | 550 |
| 17.5 | 15 | 20 | 15 | 17.5 | 15 | 20 | 15 |
| 1.5 | AWG 30...14 | AWG 26...14 | 1.5 | 1.5 | AWG 30...14 | AWG 26...14 | 1.5 |
| | | | | 6 / 3 | | | |
| | | | | B1 / V-0 | | | |
|  | | | | KEMA 01ATEX2106 U | | | |
| Rated connection | | | | | | | |
| 0.5...1.5 | | | | | | | |
| 0.5...1.5 / 0.5...1.5 | | | | | | | |
| 10 / 0.4 x 2.0 mm | | | | | | | |
| Note | | | | | | | |

| Type | Qty | Order No. |
|----------------|-----|------------|
| ZDU 1.5/3AN | 100 | 1775530000 |
| ZDU 1.5/3AN BL | 100 | 1775540000 |
| Note | | |

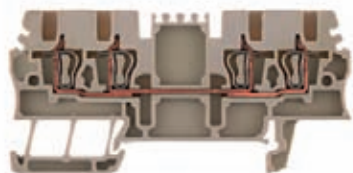
| Type | current | Qty | Order No. |
|----------------------|---------|-----|------------|
| ZQV 1.5/2 | 17.5 A | 60 | 1776120000 |
| ZQV 1.5/3 | 17.5 A | 60 | 1776130000 |
| ZQV 1.5/4 | 17.5 A | 60 | 1776140000 |
| ZQV 1.5/10 | 17.5 A | 20 | 1776200000 |
| Width | | | |
| ZAP/TW ZDU1.5/3AN | 2 mm | 20 | 1776060000 |
| ZAP/TW ZDU1.5/3AN BL | 2 mm | 20 | 1776070000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 5 | 3.5 mm | 25 | 1776210000 |
| ZTA 5/ZA | 3.5 mm | 25 | 1776220000 |
| SD 0.4x2.0x60 | | 1 | 9037160000 |
| ZRH 1.5S/1 | | 500 | 1781950000 |
| ZRH 1.5S/2 | | 500 | 1781960000 |
| ZAD 7/4 | | 20 | 1781940000 |
| Note | | | |

| Type | Qty | Order No. |
|-----------------------|-----|-----------|
| DEK 5/3,5 / WS 12/3,5 | | |
| Note | | |

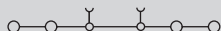
ZDU 1.5/4 AN

1.5 mm²

Four connections



3.5 x 75.5 x 37
17.5 / 1.5
0.05...1.5



IEC 60947-7-1 Ex e II **Ex** II 2 G D

| IEC | UL | CSA | EN 60079-7 |
|----------|-------------|-------------|------------|
| 500 | 300 | 300 | 550 |
| 17.5 | 15 | 20 | 15 |
| 1.5 | AWG 30...14 | AWG 26...14 | 1.5 |
| 6 / 3 | | | |
| B1 / V-0 | | | |

Rated connection

0.5...1.5
0.5...1.5 / 0.5...1.5
10 / 0.4 x 2.0 mm

| Type | Qty | Order No. |
|----------------|-----|------------|
| ZDU 1.5/4AN | 100 | 1775580000 |
| ZDU 1.5/4AN BL | 100 | 1775600000 |

| Type | current | Qty | Order No. |
|------------|---------|-----|------------|
| ZQV 1.5/2 | 17.5 A | 60 | 1776120000 |
| ZQV 1.5/3 | 17.5 A | 60 | 1776130000 |
| ZQV 1.5/4 | 17.5 A | 60 | 1776140000 |
| ZQV 1.5/10 | 17.5 A | 20 | 1776200000 |

| Width | | | |
|----------------------|------|----|------------|
| ZAP/TW ZDU1.5/4AN | 2 mm | 20 | 1776090000 |
| ZAP/TW ZDU1.5/4AN BL | 2 mm | 20 | 1776100000 |

| | | | |
|--------|------|----|------------|
| ZEW 35 | 6 mm | 20 | 9540000000 |
|--------|------|----|------------|

| | | | |
|----------|--------|----|------------|
| ZTA 5 | 3.5 mm | 25 | 1776210000 |
| ZTA 5/ZA | 3.5 mm | 25 | 1776220000 |

| | | |
|---------------|---|------------|
| SD 0.4x2.0x60 | 1 | 9037160000 |
|---------------|---|------------|

| | | |
|------------|-----|------------|
| ZRH 1.5S/1 | 500 | 1781950000 |
| ZRH 1.5S/2 | 500 | 1781960000 |

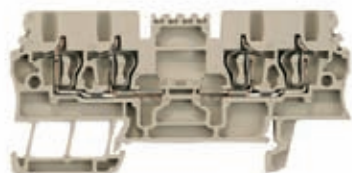
| | | |
|---------|----|------------|
| ZAD 7/4 | 20 | 1781940000 |
|---------|----|------------|

DEK 5/3,5 / WS 12/3,5

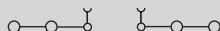
ZDU 1.5 2x2AN

1.5 mm²

2 x 2 connections



3.5 x 75.5 x 37
17.5 / 1.5
0.05...1.5



IEC 60947-7-1

| IEC | UL | CSA |
|----------|-------------|-------------|
| 500 | 300 | 300 |
| 17.5 | 15 | 20 |
| 1.5 | AWG 30...14 | AWG 26...14 |
| 6 / 3 | | |
| B1 / V-0 | | |

Rated connection

0.5...1.5
0.5...1.5 / 0.5...1.5
10 / 0.4 x 2.0 mm

| Type | Qty | Order No. |
|------------------|-----|------------|
| ZDU 1.5/2X2AN | 100 | 1826970000 |
| ZDU 1.5/2X2AN BL | 100 | 1826990000 |

| Type | current | Qty | Order No. |
|------------|---------|-----|------------|
| ZQV 1.5/2 | 17.5 A | 60 | 1776120000 |
| ZQV 1.5/3 | 17.5 A | 60 | 1776130000 |
| ZQV 1.5/4 | 17.5 A | 60 | 1776140000 |
| ZQV 1.5/10 | 17.5 A | 20 | 1776200000 |

| Width | | | |
|----------------------|------|----|------------|
| ZAP/TW ZDU1.5/4AN | 2 mm | 20 | 1776090000 |
| ZAP/TW ZDU1.5/4AN BL | 2 mm | 20 | 1776100000 |

| | | | |
|--------|------|----|------------|
| ZEW 35 | 6 mm | 20 | 9540000000 |
|--------|------|----|------------|

| | | | |
|----------|--------|----|------------|
| ZTA 5 | 3.5 mm | 25 | 1776210000 |
| ZTA 5/ZA | 3.5 mm | 25 | 1776220000 |

| | | |
|---------------|---|------------|
| SD 0.4x2.0x60 | 1 | 9037160000 |
|---------------|---|------------|

| | | |
|------------|-----|------------|
| ZRH 1.5S/1 | 500 | 1781950000 |
| ZRH 1.5S/2 | 500 | 1781960000 |

| | | |
|---------|----|------------|
| ZAD 7/4 | 20 | 1781940000 |
|---------|----|------------|

DEK 5/3,5 / WS 12/3,5

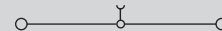
ZEI 6

6 mm²

Supply terminal



10 x 65 x 45.5
57 / 10
0.5...10



IEC 60947-7-1

| IEC | UL | CSA |
|----------|----|-----|
| 500 | | |
| 41 | | |
| 6 | | |
| 8 / 4 | | |
| A5 / V-0 | | |

Rated connection

0.5...10
0.5...10 / 0.5...6
13 / 1.0 x 5.5 mm

Twin wire-end ferrules ZH 0.5 - ZH 2.5 can be used.

| Type | Qty | Order No. |
|-------|-----|------------|
| ZEI 6 | 20 | 1791190000 |

| Type | current | Qty | Order No. |
|------------|---------|-----|------------|
| ZQV 1.5/2 | 17.5 A | 60 | 1776120000 |
| ZQV 1.5/3 | 17.5 A | 60 | 1776130000 |
| ZQV 1.5/4 | 17.5 A | 60 | 1776140000 |
| ZQV 1.5/10 | 17.5 A | 20 | 1776200000 |

| Width | | | |
|--------|------|----|------------|
| ZEW 35 | 6 mm | 20 | 9540000000 |

| | | | |
|------------|--------|----|------------|
| ZTA 3 ZDU6 | 8.1 mm | 25 | 1654050000 |
|------------|--------|----|------------|

| | | |
|----------------|---|------------|
| SD 0.8x4.0x100 | 1 | 9008340000 |
|----------------|---|------------|

| | | |
|---------|----|------------|
| ZAD 3/4 | 20 | 1609120000 |
|---------|----|------------|

DEK 8 / WS 12/6

The plug-in cross-connections ZQV 1.5/... can be used. Rated voltage is reduced to 400 V or the rated voltage of the distribution terminals.

Feed-through terminals

Standard form

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|-------------------|
| Width/Length/height with TS35x7.5 | mm |
| max. current / max. cond. cross-section | A/mm ² |
| Max. clamping range | mm ² |



Technical data

| Rated data | |
|--|-----------------|
| Rated voltage | V |
| Rated current | A |
| Rated cross-section | mm ² |
| Rated impulse voltage / Pollution severity | kV/- |
| Gauge to IEC 60947-1 / UL94 Flammability class | |
| Approvals | |
| Clamped conductors (H05V/H07V) | |
| solid / stranded | mm ² |
| flexible / Stranded wire with end ferrules | mm ² |
| Stripping length / Blade size | mm/- |
| Note | |

Ordering data

| Version | |
|---------|------------------|
| | Dark beige Wemid |
| | Blue Wemid |
| Note | |

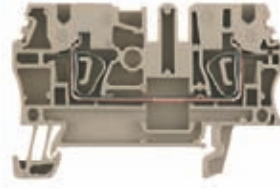
Accessories

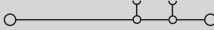
| Pluggable cross-connection | |
|--|---|
|  | 2-pole |
| | 3-pole |
| | 4-pole |
| | 10-pole |
| | 20-/24-pole |
| End plate / partition | |
| | Dark beige Wemid |
| | Blue Wemid |
| End bracket | |
| | Dark beige Wemid |
| Test adapter | |
| | Standard |
| | With assembly peg |
| Screwdriver | |
| | Standard |
| Reducing sleeves | |
| | For conductors < 0,5 mm ² / AWG 20 |
| | For conductors < 1,0 mm ² / AWG 18 |
| Cover | |
|  | With lightning flash symbol |
| Marking systems | |
| | (see assortment in catalogue 7) |
| | Marking tags |
| For detailed information on other accessories and applications, refer to the „Accessories“ section | |



ZDU 2.5

2.5 mm²

Two connections



| | |
|-------------------|--|
| 5.1 x 59.5 x 39.5 |  |
| 31 / 4 | |
| 0.05...4 | |

| IEC 60947-7-1 | | | | Ex e ll  II 2 G D | | | |
|---|-------------|-------------|------------|--|-------------|-------------|------------|
| IEC | UL | CSA | EN 60079-7 | IEC | UL | CSA | EN 60079-7 |
| 800 | 600 | 600 | 550 | 800 | 600 | 600 | 550 |
| 24 | 25 | 27 | 21 | 24 | 25 | 27 | 21 |
| 2.5 | AWG 30...12 | AWG 26...12 | 2.5 | 2.5 | AWG 30...12 | AWG 26...12 | 2.5 |
| | | | | 8 / 3 | | | |
| | | | | A3 / V-0 | | | |
|  | | | | KEMA 97ATEX2521 U | | | |
| Rated connection | | | | | | | |
| 0.5...4 | | | | | | | |
| 0.5...4 / 0.5...2.5 | | | | | | | |
| 10 / 0.6 x 3.5 mm | | | | | | | |
| Note | | | | | | | |

| Type | Qty | Order No. |
|--|-----|-------------------|
| ZDU 2.5 | 100 | 1608510000 |
| ZDU 2.5 BL | 100 | 1608520000 |
| The rated voltage is reduced to 400 V when using the cross-connection. | | |

| Type | current | Qty | Order No. |
|-----------------|---------|------|-------------------|
| ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| Width | | | |
| ZAP/TW 1 | 2 mm | 50 | 1608740000 |
| ZAP/TW 1 BL | 2 mm | 50 | 1608750000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 1 | 5.1 mm | 25 | 1609040000 |
| ZTA 1/ZA | 5.1 mm | 25 | 1609050000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| ZRH 2.5/1 WS | | 1000 | 1614300000 |
| ZRH 2.5/2 GR/V0 | | 1000 | 1614290000 |
| ZAD 1/4 | | 20 | 1609110000 |

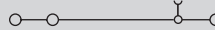
| Type | Qty | Order No. |
|-------------------|-----|-----------|
| DEK 5/5 / WS 10/5 | | |



ZDU 2.5/3AN

2.5 mm²

Three connections



| | |
|-------------------|---|
| 5.1 x 64.5 x 39.5 |  |
| 31 / 4 | |
| 0.05...4 | |

| IEC 60947-7-1 | | | | Ex e ll  II 2 G D | | | |
|---|-------------|-------------|------------|--|-------------|-------------|------------|
| IEC | UL | CSA | EN 60079-7 | IEC | UL | CSA | EN 60079-7 |
| 800 | 600 | 600 | 550 | 800 | 600 | 600 | 550 |
| 24 | 25 | 27 | 21 | 24 | 25 | 27 | 21 |
| 2.5 | AWG 30...12 | AWG 26...12 | 2.5 | 2.5 | AWG 30...12 | AWG 26...12 | 2.5 |
| | | | | 8 / 3 | | | |
| | | | | A3 / V-0 | | | |
|  | | | | KEMA 97ATEX2521 U | | | |
| Rated connection | | | | | | | |
| 0.5...4 | | | | | | | |
| 0.5...4 / 0.5...2.5 | | | | | | | |
| 10 / 0.6 x 3.5 mm | | | | | | | |
| Note | | | | | | | |

| Type | Qty | Order No. |
|--|-----|-------------------|
| ZDU 2.5/3AN | 100 | 1608540000 |
| ZDU 2.5/3AN BL | 100 | 1608550000 |
| The rated voltage is reduced to 400 V when using the cross-connection. | | |

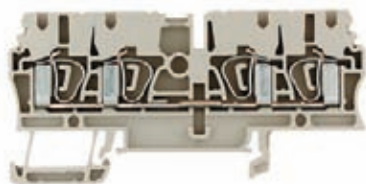
| Type | current | Qty | Order No. |
|-----------------|---------|------|-------------------|
| ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| Width | | | |
| ZAP/TW 2 DB | 2 mm | 50 | 1608770000 |
| ZAP/TW 2 BL | 2 mm | 50 | 1608780000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 1 | 5.1 mm | 25 | 1609040000 |
| ZTA 1/ZA | 5.1 mm | 25 | 1609050000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| ZRH 2.5/1 WS | | 1000 | 1614300000 |
| ZRH 2.5/2 GR/V0 | | 1000 | 1614290000 |
| ZAD 1/4 | | 20 | 1609110000 |

| Type | Qty | Order No. |
|-------------------|-----|-----------|
| DEK 5/5 / WS 10/5 | | |

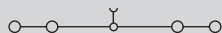
ZDU 2.5/4AN

2.5 mm²

Four connections



5.1 x 79.5 x 39.5
27 / 4
0.05...4



IEC 60947-7-1 Ex e ll II 2 G D

| IEC | UL | CSA | EN 60079-7 |
|----------|-------------|-------------|------------|
| 800 | 600 | 600 | 550 |
| 24 | 25 | 27 | 21 |
| 2.5 | AWG 30...12 | AWG 26...12 | 2.5 |
| 8 / 3 | | | |
| A3 / V-0 | | | |

KEMA 97ATEX2521 U

| Rated connection |
|---------------------|
| 0.5...4 |
| 0.5...4 / 0.5...2.5 |
| 10 / 0.6 x 3.5 mm |

| Type | Qty | Order No. |
|----------------|-----|------------|
| ZDU 2.5/4AN | 100 | 1608570000 |
| ZDU 2.5/4AN BL | 100 | 1608580000 |

| Type | current | Qty | Order No. |
|-----------------|---------|------|------------|
| ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| Width | | | |
| ZAP/TW 3 | 2 mm | 50 | 1608800000 |
| ZAP/TW 3 BL | 2 mm | 50 | 1608810000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 1 | 5.1 mm | 25 | 1609040000 |
| ZTA 1/ZA | 5.1 mm | 25 | 1609050000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| ZRH 2.5/1 WS | | 1000 | 1614300000 |
| ZRH 2.5/2 GR/V0 | | 1000 | 1614290000 |
| ZAD 1/4 | | 20 | 1609110000 |

DEK 5/5 / WS 10/5

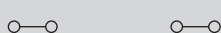
ZDU 2.5/2x2AN

2.5 mm²

Two potentials feasible



5.1 x 79.5 x 39.5
30 / 4
0.05...4



IEC 60947-7-1 Ex e ll II 2 G D

| IEC | UL | CSA | EN 60079-7 |
|----------|-------------|-------------|------------|
| 800 | 600 | 300 | 550 |
| 24 | 25 | 27 | 21 |
| 2.5 | AWG 30...12 | AWG 26...12 | 2.5 |
| 8 / 3 | | | |
| A3 / V-0 | | | |

KEMA 97ATEX2521 U

| Rated connection |
|---------------------|
| 0.5...4 |
| 0.5...4 / 0.5...2.5 |
| 10 / 0.6 x 3.5 mm |

| Type | Qty | Order No. |
|------------------|-----|------------|
| ZDU 2.5/2X2AN | 100 | 1608600000 |
| ZDU 2.5/2X2AN BL | 100 | 1608610000 |

| Type | Qty | Order No. | |
|-----------------|--------|-----------|------------|
| ZAP/TW 3 | 2 mm | 50 | 1608800000 |
| ZAP/TW 3 BL | 2 mm | 50 | 1608810000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 1 | 5.1 mm | 25 | 1609040000 |
| ZTA 1/ZA | 5.1 mm | 25 | 1609050000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| ZRH 2.5/1 WS | | 1000 | 1614300000 |
| ZRH 2.5/2 GR/V0 | | 1000 | 1614290000 |
| ZAD 1/4 | | 20 | 1609110000 |

DEK 5/5 / WS 10/5

Feed-through terminals

Standard form

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|-------------------|
| Width/Length/height with TS35x7.5 | mm |
| max. current / max. cond. cross-section | A/mm ² |
| Max. clamping range | mm ² |



Technical data

| Rated data | |
|--|-----------------|
| Rated voltage | V |
| Rated current | A |
| Rated cross-section | mm ² |
| Rated impulse voltage / Pollution severity | kV/- |
| Gauge to IEC 60947-1 / UL94 Flammability class | |
| Approvals | |
| Clamped conductors (H05V/H07V) | |
| solid / stranded | mm ² |
| flexible / Stranded wire with end ferrules | mm ² |
| Stripping length / Blade size | mm/- |
| Note | |

Ordering data

| Version | |
|-------------|------------------|
| | Dark beige Wemid |
| | Blue Wemid |
| Note | |

Accessories

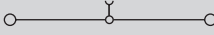
| Pluggable cross-connection | |
|--|---|
|  | 2-pole |
| | 3-pole |
| | 4-pole |
| | 10-pole |
| | 20-/24-pole |
| End plate / partition | |
| | Dark beige Wemid |
| | Blue Wemid |
| End bracket | |
| | Dark beige Wemid |
| Test adapter | |
| | Standard |
| | With assembly peg |
| Screwdriver | |
| | Standard |
| Reducing sleeves | |
| | For conductors < 0,5 mm ² / AWG 20 |
| | For conductors < 1,0 mm ² / AWG 18 |
| Cover | |
|  | With lightning flash symbol |
| Marking systems | |
| | (see assortment in catalogue 7) |
| | Marking tags |
| For detailed information on other accessories and applications, refer to the „Accessories“ section | |



ZDU 4

4 mm²

Two connections



| | |
|-----------------|--|
| 6.1 x 62 x 43.5 |  |
| 41 / 6 | |
| 0.13...6 | |

| IEC 60947-7-1 | | | | Ex e ll  II 2 G D | | | |
|---|-------------|-------------|------------|--|-------------|-------------|------------|
| IEC | UL | CSA | EN 60079-7 | IEC | UL | CSA | EN 60079-7 |
| 800 | 600 | 600 | 550 | 800 | 600 | 600 | 550 |
| 32 | 33 | 35 | 28 | 32 | 33 | 35 | 28 |
| 4 | AWG 26...10 | AWG 26...10 | 4 | 4 | AWG 26...10 | AWG 26...10 | 4 |
| | | | | 8 / 3 | | | |
| | | | | A4 / V-0 | | | |
|  | | | | KEMA 97ATEX2521 U | | | |
| Rated connection | | | | | | | |
| 0.5...6 / 0.5...6 | | | | | | | |
| 0.5...6 / 0.5...4 | | | | | | | |
| 12 / 0.6 x 3.5 mm | | | | | | | |
| When using twin ferrules, the rated voltage is 690 V. | | | | | | | |

| Type | Qty | Order No. |
|----------|-----|------------|
| ZDU 4 | 100 | 1632050000 |
| ZDU 4 BL | 100 | 1632060000 |

| Type | current | Qty | Order No. |
|----------------|---------|------|------------|
| ZQV 4/2 GE | 32 A | 60 | 1608950000 |
| ZQV 4/3 GE | 32 A | 60 | 1608960000 |
| ZQV 4/4 GE | 32 A | 60 | 1608970000 |
| ZQV 4/10 GE | 32 A | 20 | 1609030000 |
| ZQV 4/20 GE | 32 A | 20 | 1909010000 |
| Width | | | |
| ZAP/TW 4 | 2 mm | 50 | 1632090000 |
| ZAP/TW 4 BL | 2 mm | 50 | 1632100000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 2 ZDU4 | 6.1 mm | 25 | 1609060000 |
| ZTA 2/ZA ZDU4 | 6.1 mm | 25 | 1609070000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| ZRH 4/1 WS | | 1000 | 1636640000 |
| ZRH 4/2 | | 1000 | 1636650000 |
| ZAD 2/4 | | 20 | 1609080000 |

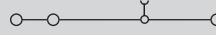
| |
|-------------------|
| DEK 5/6 / WS 10/6 |
|-------------------|



ZDU 4/3 AN

4 mm²

Three connections



| | |
|-------------------|---|
| 6.1 x 83.5 x 43.5 |  |
| 41 / 6 | |
| 0.13...6 | |

| IEC 60947-7-1 | | | | Ex e ll  II 2 G D | | | |
|---|-------------|-------------|------------|--|-------------|-------------|------------|
| IEC | UL | CSA | EN 60079-7 | IEC | UL | CSA | EN 60079-7 |
| 800 | 600 | 600 | 550 | 800 | 600 | 600 | 550 |
| 32 | 33 | 35 | 28 | 32 | 33 | 35 | 28 |
| 4 | AWG 26...10 | AWG 26...10 | 4 | 4 | AWG 26...10 | AWG 26...10 | 4 |
| | | | | 8 / 3 | | | |
| | | | | A4 / V-0 | | | |
|  | | | | KEMA 00ATEX2107 U | | | |
| Rated connection | | | | | | | |
| 0.5...6 / 0.5...6 | | | | | | | |
| 0.5...6 / 0.5...4 | | | | | | | |
| 12 / 0.6 x 3.5 mm | | | | | | | |
| When using twin ferrules, the rated voltage is 690 V. | | | | | | | |

| Type | Qty | Order No. |
|--------------|-----|------------|
| ZDU 4/3AN | 50 | 7904180000 |
| ZDU 4/3AN BL | 50 | 7904190000 |

| Type | current | Qty | Order No. |
|-----------------|---------|------|------------|
| ZQV 4/2 GE | 32 A | 60 | 1608950000 |
| ZQV 4/3 GE | 32 A | 60 | 1608960000 |
| ZQV 4/4 GE | 32 A | 60 | 1608970000 |
| ZQV 4/10 GE | 32 A | 20 | 1609030000 |
| ZQV 4/20 GE | 32 A | 20 | 1909010000 |
| Width | | | |
| ZAP/TW 4/3AN | 2 mm | 20 | 7904100000 |
| ZAP/TW 4/3AN BL | 2 mm | 20 | 7904110000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 2 ZDU4 | 6.1 mm | 25 | 1609060000 |
| ZTA 2/ZA ZDU4 | 6.1 mm | 25 | 1609070000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| ZRH 4/1 WS | | 1000 | 1636640000 |
| ZRH 4/2 | | 1000 | 1636650000 |
| ZAD 2/4 | | 20 | 1609080000 |

| |
|-------------------|
| DEK 5/6 / WS 12/6 |
|-------------------|

ZDU 4/4 AN

4 mm²

Four connections



6.1 x 104.5 x 43.5

41 / 6

0.13...6



IEC 60947-7-1 Ex e II II 2 G D

| IEC | UL | CSA | EN 60079-7 |
|----------|-------------|-------------|------------|
| 800 | 600 | 600 | 550 |
| 32 | 33 | 35 | 28 |
| 4 | AWG 26...10 | AWG 26...10 | 4 |
| 8 / 3 | | | |
| A4 / V-0 | | | |

KEMA 00ATEX2107 U

Rated connection

0.5...6 / 0.5...6

0.5...6 / 0.5...4

12 / 0.6 x 3.5 mm

When using twin ferrules, the rated voltage is 690 V.

| Type | Qty | Order No. |
|--------------|-----|------------|
| ZDU 4/4AN | 50 | 7904290000 |
| ZDU 4/4AN BL | 50 | 7904300000 |

| Type | current | Qty | Order No. |
|----------------|---------|------|------------|
| ZQV 4/2 GE | 32 A | 60 | 1608950000 |
| ZQV 4/3 GE | 32 A | 60 | 1608960000 |
| ZQV 4/4 GE | 32 A | 60 | 1608970000 |
| ZQV 4/10 GE | 32 A | 20 | 1609030000 |
| ZQV 4/20 GE | 32 A | 20 | 1909010000 |
| Width | | | |
| ZAP/TW4/4AN | 2 mm | 20 | 7904210000 |
| ZAP/TW4/4AN BL | 2 mm | 20 | 7904220000 |
| | | | |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| | | | |
| ZTA 2 ZDU4 | 6.1 mm | 25 | 1609060000 |
| ZTA 2/ZA ZDU4 | 6.1 mm | 25 | 1609070000 |
| | | | |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| | | | |
| ZRH 4/1 WS | | 1000 | 1636640000 |
| ZRH 4/2 | | 1000 | 1636650000 |
| | | | |
| ZAD 2/4 | | 20 | 1609080000 |

DEK 5/6 / WS 12/6

ZDU 6

6 mm²

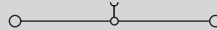
Two connections



8.1 x 65 x 45.6

57 / 10

0.22...10



IEC 60947-7-1 Ex e II II 2 G D

| IEC | UL | CSA | EN 60079-7 |
|----------|------------|------------|------------|
| 800 | 600 | 600 | 550 |
| 41 | 50 | 50 | 36 |
| 6 | AWG 22...8 | AWG 20...8 | 6 |
| 8 / 3 | | | |
| A5 / V-0 | | | |

KEMA 97ATEX2521 U

Rated connection

0.5...10

0.5...10 / 0.5...6

13 / 1.0 x 5.5 mm

Twin wire-end ferrules ZH 0.5 - ZH 2.5 can be used.

| Type | Qty | Order No. |
|----------|-----|------------|
| ZDU 6 | 50 | 1608620000 |
| ZDU 6 BL | 50 | 1608630000 |

| Type | current | Qty | Order No. |
|----------------|---------|-----|------------|
| ZQV 6/2 GE | 41 A | 60 | 1627850000 |
| ZQV 6/3 GE | 41 A | 60 | 1627860000 |
| ZQV 6/4 GE | 41 A | 60 | 1627870000 |
| | | | |
| ZQV 6/24 GE | 41 A | 10 | 1908990000 |
| Width | | | |
| ZAP/TW 5 | 2 mm | 50 | 1608830000 |
| ZAP/TW 5 BL | 2 mm | 50 | 1608840000 |
| | | | |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| | | | |
| ZTA 3 ZDU6 | 8.1 mm | 25 | 1654050000 |
| | | | |
| SD 1.0x5.5x150 | | 1 | 9008350000 |
| | | | |
| ZAD 3/4 | | 20 | 1609120000 |

DEK 5/8 / WS 12/6

ZDU 6/3 AN

6 mm²

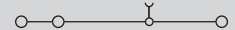
Three connections



8.1 x 90 x 45.6

57 / 10

0.22...10



IEC 60947-7-1 Ex e II II 2 G D

| IEC | UL | CSA | EN 60079-7 |
|----------|------------|------------|------------|
| 800 | 600 | 600 | 550 |
| 41 | 50 | 50 | 36 |
| 6 | AWG 22...8 | AWG 20...8 | 6 |
| 8 / 3 | | | |
| A5 / V-0 | | | |

KEMA 00ATEX2107 U

Rated connection

0.5...10

0.5...10 / 0.5...6

13 / 1.0 x 5.5 mm

Twin wire-end ferrules ZH 0.5 - ZH 2.5 can be used.

| Type | Qty | Order No. |
|--------------|-----|------------|
| ZDU 6/3AN | 50 | 7907410000 |
| ZDU 6/3AN BL | 50 | 7907420000 |

| Type | current | Qty | Order No. |
|----------------|---------|-----|------------|
| ZQV 6/2 GE | 41 A | 60 | 1627850000 |
| ZQV 6/3 GE | 41 A | 60 | 1627860000 |
| ZQV 6/4 GE | 41 A | 60 | 1627870000 |
| | | | |
| ZQV 6/24 GE | 41 A | 10 | 1908990000 |
| Width | | | |
| ZAP/TW6/3AN | 2 mm | 20 | 7907370000 |
| ZAP/TW6/3AN BL | 2 mm | 20 | 7907380000 |
| | | | |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| | | | |
| ZTA 3 ZDU6 | 8.1 mm | 25 | 1654050000 |
| | | | |
| SD 1.0x5.5x150 | | 1 | 9008350000 |
| | | | |
| ZAD 3/4 | | 20 | 1609120000 |

DEK 5/8 / WS 12/6

Feed-through terminals

Standard form

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|-------------------|
| Width/Length/height with TS35x7.5 | mm |
| max. current / max. cond. cross-section | A/mm ² |
| Max. clamping range | mm ² |

Technical data

| Rated data | |
|--|-----------------|
| Rated voltage | V |
| Rated current | A |
| Rated cross-section | mm ² |
| Rated impulse voltage / Pollution severity | kV/- |
| Gauge to IEC 60947-1 / UL94 Flammability class | |
| Approvals | |
| Clamped conductors (H05V/H07V) | |
| solid / stranded | mm ² |
| flexible / Stranded wire with end ferrules | mm ² |
| Stripping length / Blade size | mm/- |
| Note | |

Ordering data

| Version | |
|---------|------------------|
| | Dark beige Wemid |
| | Blue Wemid |
| Note | |

Accessories

| Pluggable cross-connection | |
|--|---|
| | 2-pole |
| | 3-pole |
| | 4-pole |
| | 10-pole |
| | 20-/24-pole |
| End plate / partition | |
| | Dark beige Wemid |
| | Blue Wemid |
| End bracket | |
| | Dark beige Wemid |
| Test adapter | |
| | Standard |
| | With assembly peg |
| Screwdriver | |
| | Standard |
| Reducing sleeves | |
| | For conductors < 0,5 mm ² / AWG 20 |
| | For conductors < 1,0 mm ² / AWG 18 |
| Cover | |
| | With lightning flash symbol |
| Marking systems | |
| | (see assortment in catalogue 7) |
| | Marking tags |
| For detailed information on other accessories and applications, refer to the „Accessories“ section | |

ZDU 10

10 mm²

Two connections



| | |
|--------------------|--|
| 10.1 x 73.5 x 50.5 | |
| 72 / 16 | |
| 1.31...16 | |

| IEC 60947-7-1 | | | | Ex e ll II 2 G D | | | |
|--|------------|------------|------------|-------------------|------------|------------|------------|
| IEC | UL | CSA | EN 60079-7 | IEC | UL | CSA | EN 60079-7 |
| 1000 | 600 | 600 | 550 | 800 | 600 | 600 | 550 |
| 57 | 60 | 55 | 50 | 57 | 60 | 55 | 50 |
| 10 | AWG 16...6 | AWG 16...6 | 10 | 10 | AWG 16...6 | AWG 16...6 | 10 |
| | | | | 8 / 3 | | | |
| | | | | A6 / V-0 | | | |
| | | | | KEMA 99ATEX5514 U | | | |
| Rated connection | | | | | | | |
| 1.5...16 / 1.5...16 | | | | | | | |
| 1.5...10 / 1.5...10 | | | | | | | |
| 18 / 1.0 x 5.5 mm | | | | | | | |
| Cross-connection of ZDU 10 and ZDU 16 is possible using the ZQV 16-10. | | | | | | | |
| Cross-connection of ZDU 10 and ZDU 35 is possible using the ZQV 35-10. | | | | | | | |

| Type | Qty | Order No. |
|-----------|-----|-------------------|
| ZDU 10 | 25 | 1746750000 |
| ZDU 10 BL | 25 | 1746760000 |

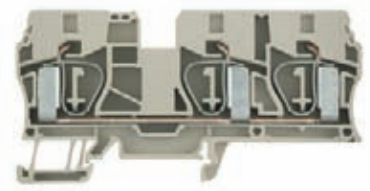
| Type | current | Qty | Order No. |
|-----------------|---------|-----|-------------------|
| ZQV 10/2 | 17.5 A | 25 | 1739680000 |
| Width | | | |
| ZAP/TW ZDU10 | 2.7 mm | 20 | 1748660000 |
| ZAP/TW ZDU10 BL | 2.7 mm | 20 | 1764110000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| SD 1.0x5.5x150 | | 1 | 9008350000 |
| ZAD 4/5 | | 20 | 1746730000 |

| |
|-------------------|
| DEK 5/5 / WS 12/5 |
|-------------------|

ZDU 10/3AN

10 mm²

Three connections



| | |
|------------------|--|
| 10.1 x 99 x 50.5 | |
| 57 / 16 | |
| 1.31...16 | |

| IEC 60947-7-1 | | | | Ex e ll II 2 G D | | | |
|--|------------|------------|------------|-------------------|------------|------------|------------|
| IEC | UL | CSA | EN 60079-7 | IEC | UL | CSA | EN 60079-7 |
| 800 | 600 | 600 | 550 | 800 | 600 | 600 | 550 |
| 57 | 60 | 55 | 50 | 57 | 60 | 55 | 50 |
| 10 | AWG 16...6 | AWG 16...6 | 10 | 10 | AWG 16...6 | AWG 16...6 | 10 |
| | | | | 8 / 3 | | | |
| | | | | A6 / V-0 | | | |
| | | | | KEMA 00ATEX2107 U | | | |
| Rated connection | | | | | | | |
| 1.5...16 / 1.5...16 | | | | | | | |
| 1.5...10 / 1.5...10 | | | | | | | |
| 18 / 1.0 x 5.5 mm | | | | | | | |
| Cross-connection of ZDU 10 and ZDU 16 is possible using the ZQV 16-10. | | | | | | | |
| Cross-connection of ZDU 10 and ZDU 35 is possible using the ZQV 35-10. | | | | | | | |

| Type | Qty | Order No. |
|---------------|-----|-------------------|
| ZDU 10/3AN | 20 | 1767690000 |
| ZDU 10/3AN BL | 20 | 1767700000 |

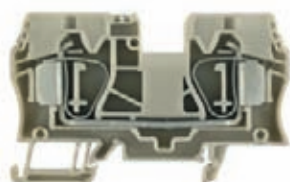
| Type | current | Qty | Order No. |
|-----------------|---------|-----|-------------------|
| ZQV 10/2 | 17.5 A | 25 | 1739680000 |
| Width | | | |
| ZAP/TW 10/16 | 3 mm | 20 | 1749580000 |
| ZAP/TW 10/16 BL | 3 mm | 20 | 1768520000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| SD 1.0x5.5x150 | | 1 | 9008350000 |
| ZAD 4/5 | | 20 | 1746730000 |

| |
|-------------------|
| DEK 5/5 / WS 12/5 |
|-------------------|

ZDU 16

16 mm²

Two connections



12.1 x 82.5 x 51.5
98 / 25
1.5...25



IEC 60947-7-1 Ex e II **Ex** II 2 G D

| IEC | UL | CSA | EN 60079-7 |
|----------|------------|------------|------------|
| 1000 | 600 | 600 | 550 |
| 76 | 65 | 65 | 66 |
| 16 | AWG 14...4 | AWG 14...4 | 16 |
| 8 / 3 | | | |
| A7 / V-0 | | | |

CE **UL** **CSA** **RU** KEMA 99ATEX5514 U

| Rated connection | | | |
|---------------------|--|--|--|
| 1.5...16 / 1.5...25 | | | |
| 1.5...16 / 1.5...16 | | | |
| 18 / 1.0 x 5.5 mm | | | |

Cross-connection of ZDU 16 and ZDU 35 is possible using the ZQV 35-16.
 Cross-connection of ZDU 10 and ZDU 16 is possible using the ZQV 16-10.

| Type | Qty | Order No. |
|-----------|-----|-------------------|
| ZDU 16 | 25 | 1745230000 |
| ZDU 16 BL | 25 | 1745240000 |

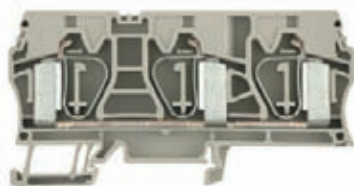
| Type | current | Qty | Order No. |
|-----------------|---------|-----|-------------------|
| ZQV 16/2 | 76 A | 25 | 1739690000 |
| Width | | | |
| ZAP/TW ZDU16 | 3 mm | 20 | 1745150000 |
| ZAP/TW ZDU16 BL | 3 mm | 20 | 1764100000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| Width | | | |
| SD 1.0x5.5x150 | | 1 | 9008350000 |
| ZAD 5/5 | | 20 | 1745210000 |

DEK 5/5 / WS 15/5

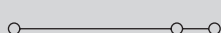
ZDU 16/3 AN

16 mm²

Three connections



12.1 x 99 x 51.5
76 / 25
1.5...25



IEC 60947-7-1 Ex e II **Ex** II 2 G D

| IEC | UL | CSA | EN 60079-7 |
|----------|------------|------------|------------|
| 800 | 600 | 600 | 550 |
| 76 | 65 | 65 | 66 |
| 16 | AWG 14...4 | AWG 14...4 | 16 |
| 8 / 3 | | | |
| A7 / V-0 | | | |

CE **UL** **CSA** **RU** KEMA 00ATEX2107 U

| Rated connection | | | |
|---------------------|--|--|--|
| 1.5...16 / 1.5...25 | | | |
| 1.5...16 / 1.5...16 | | | |
| 18 / 1.0 x 5.5 mm | | | |

| Type | Qty | Order No. |
|---------------|-----|-------------------|
| ZDU 16/3AN | 20 | 1768320000 |
| ZDU 16/3AN BL | 20 | 1768330000 |

| Type | Qty | Order No. |
|-----------------|------|-----------|
| Width | | |
| ZAP/TW 10/16 | 3 mm | 20 |
| ZAP/TW 10/16 BL | 3 mm | 20 |
| ZEW 35 | 6 mm | 20 |
| Width | | |
| SD 1.0x5.5x150 | | 1 |
| ZAD 5/5 | | 20 |

DEK 5/5 / WS 15/5

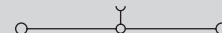
ZEI 16

16 mm²

Supply terminal



15 x 82.5 x 51.5
76 / 25
1.5...25



IEC 60947-7-1

| IEC | UL | CSA |
|----------|------------|------------|
| 500 | 600 | 600 |
| 76 | 65 | 65 |
| 16 | AWG 14...4 | AWG 14...4 |
| 8 / 3 | | |
| A7 / V-0 | | |

CE **UL** **CSA** **RU** **CE** **UL** **CSA** **RU** KEMA 00ATEX2107 U

| Rated connection | | | |
|---------------------|--|--|--|
| 1.5...16 / 1.5...25 | | | |
| 1.5...16 / 1.5...16 | | | |
| 18 / 1.0 x 5.5 mm | | | |

| Type | Qty | Order No. |
|-----------|-----|-------------------|
| ZEI 16 | 20 | 1745350000 |
| ZEI 16 BL | 20 | 1766240000 |

End plate is integrated.

| Type | current | Qty | Order No. |
|----------------|---------|-----|-------------------|
| ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| ZQV 4/3 GE | 32 A | 60 | 1608960000 |
| ZQV 6/4 GE | 41 A | 60 | 1627870000 |
| Width | | | |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| Width | | | |
| SD 1.0x5.5x150 | | 1 | 9008350000 |
| ZAD 5/5 | | 20 | 1745210000 |

DEK 5/5 / WS 15/5

Feed-through terminals

Standard form

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|-------------------|
| Width/Length/height with TS35x7.5 | mm |
| max. current / max. cond. cross-section | A/mm ² |
| Max. clamping range | mm ² |

Technical data

| | |
|--|-----------------|
| Rated data | |
| Rated voltage | V |
| Rated current | A |
| Rated cross-section | mm ² |
| Rated impulse voltage / Pollution severity | kV/- |
| Gauge to IEC 60947-1 / UL94 Flammability class | |
| Approvals | |
| Clamped conductors (H05V/H07V) | |
| solid / stranded | mm ² |
| flexible / Stranded wire with end ferrules | mm ² |
| Stripping length / Blade size | mm/- |

Note

Ordering data

| | |
|----------------|------------------|
| Version | |
| | Dark beige Wemid |
| | Blue Wemid |

Note

Accessories

| | |
|-----------------------------------|-------------|
| Pluggable cross-connection | |
| | 2-pole |
| | 3-pole |
| | 4-pole |
| | 10-pole |
| | 20-/24-pole |

| | |
|------------------------------|------------------|
| End plate / partition | |
| | Dark beige Wemid |
| | Blue Wemid |

| | |
|--------------------|------------------|
| End bracket | |
| | Dark beige Wemid |

| | |
|---------------------|-------------------|
| Test adapter | |
| | Standard |
| | With assembly peg |

| | |
|--------------------|----------|
| Screwdriver | |
| | Standard |

| | |
|-------------------------|---|
| Reducing sleeves | |
| | For conductors < 0,5 mm ² / AWG 20 |
| | For conductors < 1,0 mm ² / AWG 18 |

| | |
|--------------|-----------------------------|
| Cover | |
| | With lightning flash symbol |

| | |
|------------------------|---------------------------------|
| Marking systems | (see assortment in catalogue 7) |
| | Marking tags |

For detailed information on other accessories and applications, refer to the „Accessories“ section

ZDU 35

35 mm²

Two connections



| | |
|-----------------|--|
| 16 x 100.5 x 59 | |
| 125 / 35 | |
| 2.5...35 | |

IEC 60947-7-1 Ex e ll II 2 G D

| IEC | UL | CSA | EN 60079-7 |
|----------|------------|------------|------------|
| 800 | 600 | 600 | 550 |
| 125 | 120 | 120 | 109 |
| 35 | AWG 12...2 | AWG 12...2 | 35 |
| 8 / 3 | | | |
| AB / V-0 | | | |

KEMA 00ATEX2107 U

| |
|-------------------------|
| Rated connection |
| 2.5...16 / 2.5...35 |
| 2.5...35 / 2.5...35 |
| 25 / 1.0 x 5.5 mm |

Cross-connection of ZDU 10 and ZDU 35 is possible using the ZQV 35-10.
Cross-connection of ZDU 16 and ZDU 35 is possible using the ZQV 35-16.

| Type | Qty | Order No. |
|-----------|-----|------------|
| ZDU 35 | 10 | 1739620000 |
| ZDU 35 BL | 10 | 1739630000 |

End plate is integrated.

| Type | current | Qty | Order No. |
|----------|---------|-----|------------|
| ZQV 35/2 | 105 A | 10 | 1739700000 |

| Width | | | |
|--------|------|----|------------|
| ZEW 35 | 6 mm | 20 | 9540000000 |

| | | |
|----------------|---|------------|
| SD 1.0x5.5x150 | 1 | 9008350000 |
|----------------|---|------------|

| | | |
|---------|----|------------|
| ZAD 6/5 | 20 | 1752620000 |
|---------|----|------------|

DEK 5/5 / WS 15/5

Feed-through terminals

Roof-style

The compact terminal range for conductor cross-sections 0.13 to 16 mm².

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|-------------------|
| Width/Length/height with TS35x7.5 | mm |
| max. current / max. cond. cross-section | A/mm ² |
| Max. clamping range | mm ² |



Technical data

| | |
|--|-----------------|
| Rated data | |
| Rated voltage | V |
| Rated current | A |
| Rated cross-section | mm ² |
| Rated impulse voltage / Pollution severity | kV/- |
| Gauge to IEC 60947-1 / UL94 Flammability class | |
| Approvals | |
| Clamped conductors (H05V/H07V) | |
| solid / stranded | mm ² |
| flexible / Stranded wire with end ferrules | mm ² |
| Stripping length / Blade size | mm/- |
| Note | |

Ordering data

| | |
|----------------|------------------|
| Version | |
| | Dark beige Wemid |
| | Blue Wemid |
| Note | |

Accessories

| | |
|---|---|
| Pluggable cross-connection | |
|  | 2-pole |
| | 3-pole |
| | 4-pole |
| | 10-pole |
| | 20-/24-pole |
| End plate / partition | |
| | Dark beige Wemid |
| | Blue Wemid |
| End bracket | |
| | Dark beige Wemid |
| Test adapter | |
| | With assembly peg |
| Screwdriver | |
| | Standard |
| Reducing sleeves | |
| | For conductors < 0,5 mm ² / AWG 20 |
| | For conductors < 1,0 mm ² / AWG 18 |
| Cover | |
|  | With lightning flash symbol |

| | |
|---|---------------------------------|
| Marking systems | (see assortment in catalogue 7) |
| | Marking tags |
| For detailed information on other accessories and applications, refer to the „Accessories“ section | |

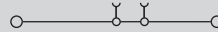
ZDU 2.5-2



2.5 mm²

Two connections



5.1 x 50.5 x 44
24 / 4
0.13...4



| | | | |
|--|--|-------------|-------------------|
| IEC 60947-7-1 | Ex e ll  II 2 G D | | |
| IEC | UL | CSA | EN 60079-7 |
| 800 | 600 | 600 | 550 |
| 24 | 24 | 24 | 21 |
| 2.5 | AWG 26...12 | AWG 30...12 | 2.5 |
| 8 / 3 | | | |
| A2 / V-0 | | | |
|  KEMA 97ATEX4677 U | | | |
| Rated connection | | | |
| 0.5...4 | | | |
| 0.5...2.5 / 0.5...2.5 | | | |
| 10 / 0.6 x 3.5 mm | | | |
| 2.5 mm ² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. | | | |

| | | |
|--|------------|-------------------|
| Type | Qty | Order No. |
| ZDU 2.5-2 | 100 | 1772060000 |
| ZDU 2.5-2 BL | 100 | 1772070000 |
| The rated voltage is reduced to 400 V when using the cross-connection. | | |

| | | | |
|----------------|----------------|------------|-------------------|
| Type | current | Qty | Order No. |
| ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| Width | | | |
| ZAP/TW7 | 2.5 mm | 50 | 1706110000 |
| ZAP/TW7 BL | 2.5 mm | 50 | 1706120000 |
| Width | | | |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| Width | | | |
| ZTA 4 | 5.1 mm | 25 | 1688110000 |
| Width | | | |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| ZRH 1.5H/1 | | 1000 | 1678810000 |
| ZRH 1.5H/2 | | 1000 | 1678800000 |
| ZAD 1/4-2 GE | | 20 | 1764560000 |

| | |
|---|---------------------------------|
| Marking systems | (see assortment in catalogue 7) |
| | Marking tags |
| For detailed information on other accessories and applications, refer to the „Accessories“ section | |

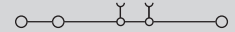
ZDU 2.5-2/3AN



2.5 mm²

Three connections



5.1 x 50.5 x 44
24 / 4
0.13...4



| | | | |
|--|--|-------------|-------------------|
| IEC 60947-7-1 | Ex e ll  II 2 G D | | |
| IEC | UL | CSA | EN 60079-7 |
| 800 | 600 | 600 | 550 |
| 24 | 23 | 23 | 21 |
| 2.5 | AWG 26...12 | AWG 30...12 | 2.5 |
| 8 / 3 | | | |
| A2 / V-0 | | | |
|  KEMA 97ATEX4677 U | | | |
| Rated connection | | | |
| 0.5...4 | | | |
| 0.5...2.5 / 0.5...2.5 | | | |
| 10 / 0.6 x 3.5 mm | | | |
| 2.5 mm ² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. | | | |

| | | |
|--|------------|-------------------|
| Type | Qty | Order No. |
| ZDU 2.5-2/3AN | 100 | 1706010000 |
| ZDU 2.5-2/3AN BL | 100 | 1706040000 |
| The rated voltage is reduced to 400 V when using the cross-connection. | | |

| | | | |
|----------------|----------------|------------|-------------------|
| Type | current | Qty | Order No. |
| ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| Width | | | |
| ZAP/TW7 | 2.5 mm | 50 | 1706110000 |
| ZAP/TW7 BL | 2.5 mm | 50 | 1706120000 |
| Width | | | |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| Width | | | |
| ZTA 4 | 5.1 mm | 25 | 1688110000 |
| Width | | | |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| ZRH 1.5H/1 | | 1000 | 1678810000 |
| ZRH 1.5H/2 | | 1000 | 1678800000 |
| ZAD 1/4-2 GE | | 20 | 1764560000 |

| | |
|---|---------------------------------|
| Marking systems | (see assortment in catalogue 7) |
| | Marking tags |
| For detailed information on other accessories and applications, refer to the „Accessories“ section | |

ZDU 2.5-2/4AN

2.5 mm²

Four connections



5.1 x 50.5 x 44
24 / 4
0.13...4



IEC 60947-7-1 Ex e ll II 2 G D

| IEC | UL | CSA | EN 60079-7 |
|----------|-------------|-------------|------------|
| 800 | 600 | 600 | 550 |
| 24 | 23 | 23 | 21 |
| 2.5 | AWG 26...12 | AWG 30...12 | 2.5 |
| 8 / 3 | | | |
| A2 / V-0 | | | |

KEMA 97ATEX4677 U

Rated connection

0.5...4
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

| Type | Qty | Order No. |
|------------------|-----|-------------------|
| ZDU 2.5-2/4AN | 100 | 1706060000 |
| ZDU 2.5-2/4AN BL | 100 | 1706070000 |

When using the ZQB 2.5 the conductor cross-section is reduced to 1.5 mm², solid and flexible.

| Type | current | Qty | Order No. |
|----------------|---------|------|-------------------|
| ZQB 2.5-2 | 24 A | 50 | 1677120000 |
| Width | | | |
| ZAP/TW7 | 2.5 mm | 50 | 1706110000 |
| ZAP/TW7 BL | 2.5 mm | 50 | 1706120000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 4 | 5.1 mm | 25 | 1688110000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| ZRH 1.5H/1 | | 1000 | 1678810000 |
| ZRH 1.5H/2 | | 1000 | 1678800000 |
| ZAD 1/4-2 GE | | 20 | 1764560000 |

DEK 5 / WS 14/5

The rated voltage is reduced to 250 V when using the shield bus LS 2.8 (1056400000).

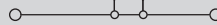
ZDU 4-2

4 mm²

Two connections



6.1 x 61.5 x 46
32 / 6
0.13...6



IEC 60947-7-1 Ex e ll II 2 G D

| IEC | UL | CSA | EN 60079-7 |
|----------|-------------|-------------|------------|
| 800 | 600 | 600 | 550 |
| 32 | 33 | 35 | 28 |
| 4 | AWG 26...10 | AWG 26...10 | 4 |
| 8 / 3 | | | |
| A3 / V-0 | | | |

KEMA 97ATEX4677 U

Rated connection

0.5...6
0.5...4 / 0.5...4
10 / 0.6 x 3.5 mm

| Type | Qty | Order No. |
|----------------|-----|-------------------|
| ZDU 4-2/2AN | 100 | 1770370000 |
| ZDU 4-2/2AN BL | 100 | 1770840000 |

The rated voltage is reduced to 400 V when using the cross-connection.

| Type | current | Qty | Order No. |
|----------------|---------|-----|-------------------|
| ZQV 4/2 GE | 32 A | 60 | 1608950000 |
| ZQV 4/3 GE | 32 A | 60 | 1608960000 |
| ZQV 4/4 GE | 32 A | 60 | 1608970000 |
| ZQV 4/10 GE | 32 A | 20 | 1609030000 |
| ZQV 4/20 GE | 32 A | 20 | 1909010000 |
| Width | | | |
| ZAP ZDU4-2 | 2 mm | 50 | 1770400000 |
| ZAP ZDU4-2 BL | 2 mm | 50 | 1770880000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 6/ZA | 6.1 mm | 25 | 1780660000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| ZAD 1/4 | | 20 | 1609110000 |

DEK 5/6 / WS 12/6

The rated voltage is reduced to 250 V when using the shield bus LS 2.8 (1056400000).

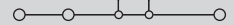
ZDU 4-2/3AN

4 mm²

Three connections



6.1 x 61.5 x 46
38 / 6
0.13...6



IEC 60947-7-1 Ex e ll II 2 G D

| IEC | UL | CSA | EN 60079-7 |
|----------|-------------|-------------|------------|
| 800 | 600 | 600 | 550 |
| 32 | 33 | 35 | 28 |
| 4 | AWG 26...10 | AWG 26...10 | 4 |
| 8 / 3 | | | |
| A3 / V-0 | | | |

KEMA 97ATEX4677 U

Rated connection

0.5...6
0.5...4 / 0.5...4
10 / 0.6 x 3.5 mm

| Type | Qty | Order No. |
|----------------|-----|-------------------|
| ZDU 4-2/3AN | 100 | 1770360000 |
| ZDU 4-2/3AN BL | 100 | 1770860000 |

The rated voltage is reduced to 400 V when using the cross-connection.

| Type | current | Qty | Order No. |
|----------------|---------|-----|-------------------|
| ZQV 4/2 GE | 32 A | 60 | 1608950000 |
| ZQV 4/3 GE | 32 A | 60 | 1608960000 |
| ZQV 4/4 GE | 32 A | 60 | 1608970000 |
| ZQV 4/10 GE | 32 A | 20 | 1609030000 |
| ZQV 4/20 GE | 32 A | 20 | 1909010000 |
| Width | | | |
| ZAP ZDU4-2 | 2 mm | 50 | 1770400000 |
| ZAP ZDU4-2 BL | 2 mm | 50 | 1770880000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 6/ZA | 6.1 mm | 25 | 1780660000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| ZAD 1/4 | | 20 | 1609110000 |

WS 12/6

The rated voltage is reduced to 250 V when using the shield bus LS 2.8 (1056400000).

Feed-through terminals

Roof-style

The compact terminal range for conductor cross-sections 0.13 to 16 mm²

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|-------------------|
| Width/Length/height with TS35x7.5 | mm |
| max. current / max. cond. cross-section | A/mm ² |
| Max. clamping range | mm ² |

Technical data

Rated data

| | |
|--|-----------------|
| Rated voltage | V |
| Rated current | A |
| Rated cross-section | mm ² |
| Rated impulse voltage / Pollution severity | kV/- |
| Gauge to IEC 60947-1 / UL94 Flammability class | |
| Approvals | |

Clamped conductors (H05V/H07V)

| | |
|--|-----------------|
| solid / stranded | mm ² |
| flexible / Stranded wire with end ferrules | mm ² |
| Stripping length / Blade size | mm/- |

Note

Ordering data

Version

| |
|------------------|
| Dark beige Wemid |
| Blue Wemid |

Note

Accessories

Pluggable cross-connection



| |
|-------------|
| 2-pole |
| 3-pole |
| 4-pole |
| 10-pole |
| 20-/24-pole |

End plate / partition

| |
|------------------|
| Dark beige Wemid |
| Blue Wemid |

End bracket

| |
|------------------|
| Dark beige Wemid |
|------------------|

Test adapter

| |
|-------------------|
| With assembly peg |
|-------------------|

Screwdriver

| |
|----------|
| Standard |
|----------|

Reducing sleeves

| |
|---|
| For conductors < 0,5 mm ² / AWG 20 |
| For conductors < 1,0 mm ² / AWG 18 |

Cover

| |
|-----------------------------|
| With lightning flash symbol |
|-----------------------------|



Marking systems

(see assortment in catalogue 7)

Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

ZDU 4-2/3AN LSC

4 mm²

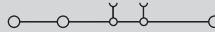
Three connections



6.1 x 61.5 x 46

38 / 6

0.13...6



IEC 60947-7-1

Ex e ll



II 2 G D

| IEC | UL | CSA | EN 60079-7 |
|----------|-------------|-------------|------------|
| 800 | 600 | 600 | 550 |
| 32 | 33 | 35 | 28 |
| 4 | AWG 26...10 | AWG 26...10 | 4 |
| 8 / 3 | | | |
| A3 / V-0 | | | |

KEMA 97ATEX4677 U

Rated connection

| |
|-------------------|
| 0.5...6 |
| 0.5...4 / 0.5...4 |
| 10 / 0.6 x 3.5 mm |

The ZDU 4-2/3AN LSC version can be mounted on a 40mm Lütze frame.

Type

Qty

Order No.

| | | |
|-----------------|-----|------------|
| ZDU 4-2/3AN LSC | 100 | 1790520000 |
|-----------------|-----|------------|

The rated voltage is reduced to 400 V when using the cross-connection.

Type

current

Qty

Order No.

| | | | |
|-------------|------|----|------------|
| ZQV 4/2 GE | 32 A | 60 | 1608950000 |
| ZQV 4/3 GE | 32 A | 60 | 1608960000 |
| ZQV 4/4 GE | 32 A | 60 | 1608970000 |
| ZQV 4/10 GE | 32 A | 20 | 1609030000 |
| ZQV 4/20 GE | 32 A | 20 | 1909010000 |

Width

| | | | |
|---------------|------|----|------------|
| ZAP ZDU4-2 | 2 mm | 50 | 1770400000 |
| ZAP ZDU4-2 BL | 2 mm | 50 | 1770880000 |

ZEW 35

6 mm

20

9540000000

ZTA 6/ZA

6.1 mm

25

1780660000

SD 0.6x3.5x100

1

9008330000

ZAD 1/4

20

1609110000

DEK 5/6 / WS 12/6

The rated voltage is reduced to 250 V when using the shield bus LS 2.8 (1056400000).

ZDU 4-2/4AN

4 mm²

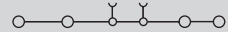
Four connections



6.1 x 75.1 x 46

32 / 6

0.13...6



IEC 60947-7-1

Ex e ll



II 2 G D

| IEC | UL | CSA | EN 60079-7 |
|----------|-------------|-------------|------------|
| 800 | 600 | 600 | 550 |
| 32 | 33 | 33 | 28 |
| 4 | AWG 26...10 | AWG 26...10 | 4 |
| 8 / 3 | | | |
| A3 / V-0 | | | |

KEMA 97ATEX4677 U

Rated connection

| |
|-------------------|
| 0.5...6 |
| 0.5...4 / 0.5...4 |
| 10 / 0.6 x 3.5 mm |

Type

Qty

Order No.

| | | |
|----------------|-----|------------|
| ZDU 4-2/4AN | 100 | 1806980000 |
| ZDU 4-2/4AN BL | 100 | 1806990000 |

The rated voltage is reduced to 400 V when using the cross-connection.

Type

current

Qty

Order No.

| | | | |
|-------------|------|----|------------|
| ZQV 4/2 GE | 32 A | 60 | 1608950000 |
| ZQV 4/3 GE | 32 A | 60 | 1608960000 |
| ZQV 4/4 GE | 32 A | 60 | 1608970000 |
| ZQV 4/10 GE | 32 A | 20 | 1609030000 |
| ZQV 4/20 GE | 32 A | 20 | 1909010000 |

Width

| | | | |
|-------------------|------|----|------------|
| ZAP ZDU4-2/4AN | 2 mm | 50 | 1807010000 |
| ZAP ZDU4-2/4AN BL | 2 mm | 50 | 1807020000 |

ZEW 35

6 mm

20

9540000000

ZTA 6/ZA

6.1 mm

25

1780660000

SD 0.6x3.5x100

1

9008330000

ZAD 1/4

20

1609110000

DEK 5/6 / WS 12/6

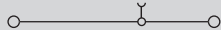
ZDU 6-2/2AN

6 mm²

Two connections



8.1 x 68 x 50
41 / 10
0.22...10



IEC 60947-7-1 Ex e II II 2 G D

| IEC | UL | CSA | EN 60079-7 |
|----------|------------|------------|------------|
| 800 | 600 | 600 | 550 |
| 41 | 45 | 50 | 36 |
| 6 | AWG 22...8 | AWG 20...8 | 6 |
| 8 / 3 | | | |
| A5 / V-0 | | | |

KEMA 97ATEX4677 U

Rated connection

0.5...10
0.5...10 / 0.5...6
12 / 0.6 x 3.5 mm

| Type | Qty | Order No. |
|----------------|-----|------------|
| ZDU 6-2/2AN | 50 | 1771380000 |
| ZDU 6-2/2AN BL | 50 | 1771390000 |

The rated voltage is reduced to 400 V when using the cross-connection.

| Type | current | Qty | Order No. |
|----------------|---------|-----|------------|
| ZQV 6/2 GE | 41 A | 60 | 1627850000 |
| ZQV 6/3 GE | 41 A | 60 | 1627860000 |
| ZQV 6/4 GE | 41 A | 60 | 1627870000 |
| Width | | | |
| ZQV 6/24 GE | 41 A | 10 | 1908990000 |
| ZAP ZDU6-2 | 2.5 mm | 50 | 1771440000 |
| Width | | | |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 7/ZA | 8.1 mm | 25 | 1780670000 |
| SD 0.8x4.0x100 | | 1 | 9008340000 |

DEK 5/8

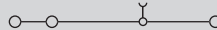
ZDU 6-2/3AN

6 mm²

Three connections



8.1 x 68 x 50
41 / 10
0.22...10



IEC 60947-7-1 Ex e II II 2 G D

| IEC | UL | CSA | EN 60079-7 |
|----------|------------|------------|------------|
| 800 | 600 | 600 | 550 |
| 41 | 45 | 50 | 36 |
| 6 | AWG 22...8 | AWG 20...8 | 6 |
| 8 / 3 | | | |
| A5 / V-0 | | | |

KEMA 97ATEX4677 U

Rated connection

0.5...10
0.5...10 / 0.5...6
12 / 0.6 x 3.5 mm

| Type | Qty | Order No. |
|----------------|-----|------------|
| ZDU 6-2/3AN | 50 | 1771410000 |
| ZDU 6-2/3AN BL | 50 | 1771420000 |

The rated voltage is reduced to 400 V when using the cross-connection.

| Type | current | Qty | Order No. |
|----------------|---------|-----|------------|
| ZQV 6/2 GE | 41 A | 60 | 1627850000 |
| ZQV 6/3 GE | 41 A | 60 | 1627860000 |
| ZQV 6/4 GE | 41 A | 60 | 1627870000 |
| Width | | | |
| ZQV 6/24 GE | 41 A | 10 | 1908990000 |
| ZAP ZDU6-2 | 2.5 mm | 50 | 1771440000 |
| Width | | | |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 7/ZA | 8.1 mm | 25 | 1780670000 |
| SD 0.8x4.0x100 | | 1 | 9008340000 |

DEK 5/8

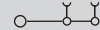
ZEI 16-2 /1 AN

16 mm²

Supply terminal



14 x 61.5 x 51.5
76 / 25
1.5...25



IEC 60947-7-1

| IEC | UL | CSA |
|----------|------------|------------|
| 800 | 600 | 600 |
| 76 | 65 | 65 |
| 16 | AWG 14...4 | AWG 14...4 |
| 6 / 3 | | |
| A7 / V-0 | | |

Rated connection

1.5...10 25
1.5...16 / 1.5...16
18 / 1.0 x 5.5 mm

Rated voltage is reduced to 400 V or the IP rated voltage of the distribution terminals.

| Type | Qty | Order No. |
|-----------------|-----|------------|
| ZEI 16-2/1AN | 20 | 1772940000 |
| ZEI 16-2/1AN BL | 20 | 1772950000 |

End plate is integrated.

| Type | current | Qty | Order No. |
|------------------|---------|-----|------------|
| ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| ZQV 4/3 GE | 32 A | 60 | 1608960000 |
| ZQV 6/4 GE | 41 A | 60 | 1627870000 |
| Width | | | |
| ZAP/Z...16-2/1AN | 2.5 mm | 10 | 1772970000 |
| Width | | | |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| Width | | | |
| SD 1.0x5.5x150 | | 1 | 9008350000 |

DEK 8
The plug-in cross-connections ZQV 2.5/..., ZQV 4/... and ZQV 6/... can be used.

Feed-through terminals

Compact style

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|-------------------|
| Width/Length/height with TS35x7.5 | mm |
| max. current / max. cond. cross-section | A/mm ² |
| Max. clamping range | mm ² |



Technical data

| Rated data | |
|--|-----------------|
| Rated voltage | V |
| Rated current | A |
| Rated cross-section | mm ² |
| Rated impulse voltage / Pollution severity | kV/- |
| Gauge to IEC 60947-1 / UL94 Flammability class | |
| Approvals | |
| Clamped conductors (H05V/H07V) | |
| solid / stranded | mm ² |
| flexible / Stranded wire with end ferrules | mm ² |
| Stripping length / Blade size | mm/- |
| Note | |

Ordering data

| Version | |
|---------|------------------|
| | Dark beige Wemid |
| | Blue Wemid |
| Note | |

Accessories

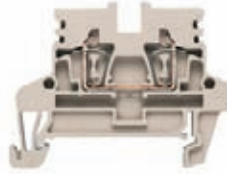
| Pluggable cross-connection | |
|---|---|
|  | 2-pole |
| | 3-pole |
| | 4-pole |
| | 10-pole |
| | 20-/24-pole |
| End plate / partition | |
| | Dark beige Wemid |
| End bracket | |
| | Dark beige Wemid |
| Test adapter | |
| | Standard |
| | With assembly peg |
| Screwdriver | |
| | Standard |
| Reducing sleeves | |
| | For conductors < 0,5 mm ² / AWG 20 |
| | For conductors < 1,0 mm ² / AWG 18 |
| Cover | |
|  | With lightning flash symbol |

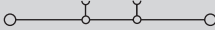
| Marking systems | |
|--|---------------------------------|
| | (see assortment in catalogue 7) |
| | Marking tags |
| For detailed information on other accessories and applications, refer to the „Accessories“ section | |


ZDU 2.5N

2.5 mm²

2 connections



| | |
|-----------------|--|
| 5.1 x 50.5 x 39 |  |
| 24 / 4 | |
| 0.05...4 | |

| IEC 60947-7-1 (-7-2) | | | | |
|--|-------------|-------------|------------|--|
| IEC | UL | CSA | EN 60079-7 | |
| 800 | 300 | 300 | 550 | |
| 24 | 20 | 20 | 20.5 | |
| 2.5 | AWG 30...12 | AWG 30...12 | 2.5 | |
| | | | 6 / 3 | |
| | | | A2 / V0 | |
|  | | | | |
| Rated connection | | | | |
| 0.5...4 / 1.5...2.5 | | | | |
| 0.5...2.5 / 0.5...1.5 | | | | |
| 10 / 0.6 x 3.5 mm | | | | |
| 2.5 mm ² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. | | | | |

| Type | Qty | Order No. |
|-------------|-----|------------|
| ZDU 2.5N | 50 | 1933700000 |
| ZDU 2.5N BL | 50 | 1933710000 |

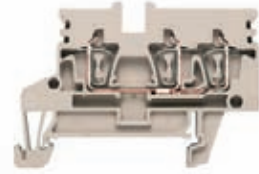
| Type | current | Qty | Order No. |
|---------------------|---------|------|------------|
| ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| Width | | | |
| ZAP/TW ZDU/ZPE 2.5N | 2 mm | 20 | 1933790000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA ZT2.5 | | | |
| ZTA ZT2.5 | 5.1 mm | 25 | 1827080000 |
| ZTA ZT2.5/ZA | 5.1 mm | 25 | 1847600000 |
| SD 0.6x3.5x100 | | | |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| ZRH 1.5H/1 | | | |
| ZRH 1.5H/1 | | 1000 | 1678810000 |
| ZRH 1.5H/2 | | | |
| ZRH 1.5H/2 | | 1000 | 1678800000 |
| ZAD 9/4 | | | |
| ZAD 9/4 | | 20 | 1934160000 |

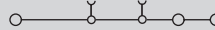
| Marking systems | |
|--|---------------------------------|
| | (see assortment in catalogue 7) |
| | Marking tags |
| For detailed information on other accessories and applications, refer to the „Accessories“ section | |


ZDU 2.5N/3AN

2.5 mm²

3 connections



| | |
|-----------------|---|
| 5.1 x 56.5 x 39 |  |
| 24 / 4 | |
| 0.05...4 | |

| IEC 60947-7-1 (-7-2) | | | | |
|--|-------------|-------------|------------|--|
| IEC | UL | CSA | EN 60079-7 | |
| 800 | 300 | 300 | 550 | |
| 24 | 20 | 20 | 20.5 | |
| 2.5 | AWG 30...12 | AWG 30...12 | 2.5 | |
| | | | 6 / 3 | |
| | | | A2 / V0 | |
|  | | | | |
| Rated connection | | | | |
| 0.5...4 / 1.5...2.5 | | | | |
| 0.5...2.5 / 0.5...1.5 | | | | |
| 10 / 0.6 x 3.5 mm | | | | |
| 2.5 mm ² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. | | | | |

| Type | Qty | Order No. |
|-----------------|-----|------------|
| ZDU 2.5N/3AN | 50 | 1933720000 |
| ZDU 2.5N/3AN BL | 50 | 1933730000 |

| Type | current | Qty | Order No. |
|---------------------|---------|------|------------|
| ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| Width | | | |
| ZAP/TW ZDU/ZPE 2.5N | 2 mm | 20 | 1933790000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA ZT2.5 | | | |
| ZTA ZT2.5 | 5.1 mm | 25 | 1827080000 |
| ZTA ZT2.5/ZA | 5.1 mm | 25 | 1847600000 |
| SD 0.6x3.5x100 | | | |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| ZRH 1.5H/1 | | | |
| ZRH 1.5H/1 | | 1000 | 1678810000 |
| ZRH 1.5H/2 | | | |
| ZRH 1.5H/2 | | 1000 | 1678800000 |
| ZAD 9/4 | | | |
| ZAD 9/4 | | 20 | 1934160000 |

| Marking systems | |
|--|---------------------------------|
| | (see assortment in catalogue 7) |
| | Marking tags |
| For detailed information on other accessories and applications, refer to the „Accessories“ section | |

ZDU 2.5N/4AN

2.5 mm²

4 connections



5.1 x 60 x 39

24 / 4

0.05...4



IEC 60947-7-1 (-7-2)

| IEC | UL | CSA | EN 60079-7 |
|---------|-------------|-------------|------------|
| 800 | 300 | 300 | 550 |
| 24 | 20 | 20 | 20.5 |
| 2.5 | AWG 30...12 | AWG 30...12 | 2.5 |
| 6 / 3 | | | |
| A2 / V0 | | | |



Rated connection

0.5...4 / 1.5...2.5

0.5...2.5 / 0.5...1.5

10 / 0.6 x 3.5 mm

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

| Type | Qty | Order No. |
|-----------------|-----|-------------------|
| ZDU 2.5N/4AN | 50 | 1933740000 |
| ZDU 2.5N/4AN BL | 50 | 1933750000 |

| Type | current | Qty | Order No. |
|---------------------|---------|------|-------------------|
| ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| Width | | | |
| ZAP/TW ZDU/ZPE 2.5N | 2 mm | 20 | 1933790000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA ZT2.5 | 5.1 mm | 25 | 1827080000 |
| ZTA ZT2.5/ZA | 5.1 mm | 25 | 1847600000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| ZRH 1.5H/1 | | 1000 | 1678810000 |
| ZRH 1.5H/2 | | 1000 | 1678800000 |
| ZAD 9/4 | | 20 | 1934160000 |

DEK 5/5 / WS 10/5

2.5 mm² conductors with plastic collar wire end ferrules only with optimised diameter collar (order No. 1333100000, 500 pcs).

Feed-through terminals

Compact style

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|-------------------|
| Width/Length/height with TS35x7.5 | mm |
| max. current / max. cond. cross-section | A/mm ² |
| Max. clamping range | mm ² |



Technical data

| Rated data | |
|--|-----------------|
| Rated voltage | V |
| Rated current | A |
| Rated cross-section | mm ² |
| Rated impulse voltage / Pollution severity | kV/- |
| Gauge to IEC 60947-1 / UL94 Flammability class | |
| Approvals | |
| Clamped conductors (H05V/H07V) | |
| solid / stranded | mm ² |
| flexible / Stranded wire with end ferrules | mm ² |
| Stripping length / Blade size | mm/- |
| Note | |

Ordering data

| Version | |
|---------|------------------|
| | Dark beige Wemid |
| | Blue Wemid |
| Note | |

Accessories

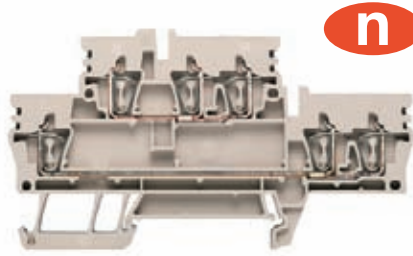
| Pluggable cross-connection | |
|---|---|
|  | 2-pole |
| | 3-pole |
| | 4-pole |
| | 10-pole |
| | 20-/24-pole |
| End plate / partition | |
| | Dark beige Wemid |
| End bracket | |
| | Dark beige Wemid |
| Test adapter | |
| | Standard |
| | With assembly peg |
| Screwdriver | |
| | Standard |
| Reducing sleeves | |
| | For conductors < 0,5 mm ² / AWG 20 |
| | For conductors < 1,0 mm ² / AWG 18 |
| Cover | |
|  | With lightning flash symbol |

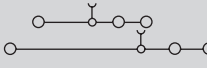
| Marking systems | (see assortment in catalogue 7) |
|--|---------------------------------|
| | Marking tags |
| For detailed information on other accessories and applications, refer to the „Accessories“ section | |

ZDK 2.5/3AN

2.5 mm²

Double-level terminal



| | |
|-----------------|---|
| 5.1 x 93 x 51.5 |  |
| 24 / 4 | |
| 0.05...4 | |

IEC 60947-7-1

| IEC | UL | CSA | EN 60079-7 |
|---------|-------------|-------------|------------|
| 800 | 300 | 300 | 550 |
| 24 | 20 | 20 | 20.5 |
| 2.5 | AWG 30...12 | AWG 30...12 | 2.5 |
| 8 / 3 | | | |
| A2 / V0 | | | |



| Rated connection | |
|--|--|
| 0.5...4 / 0.5...2.5 | |
| 0.5...2.5 / 0.5...2.5 | |
| 10 / 0.6 x 3.5 mm | |
| 2.5 mm ² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. | |

| Type | Qty | Order No. |
|---|-----|-------------------|
| ZDK 2.5/3AN | 50 | 1924510000 |
| ZDK 2.5/3AN BL | 50 | 1924500000 |
| Terminal with diode ZDK 2.5/3AN D1, 1924440000 and ZDK 2.5/3AN D2, 1924450000 | | |

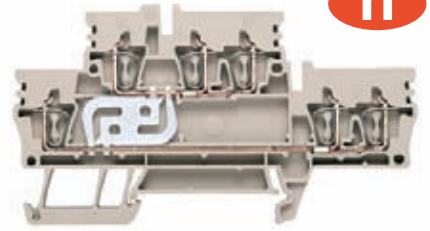
| Type | current | Qty | Order No. |
|--------------------|---------|------|-------------------|
| ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| Width | | | |
| ZAP/TW ZDK 2.5/3AN | 2 mm | 20 | 1924910000 |
| Width | | | |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| Width | | | |
| ZTA ZT2.5 | 5.1 mm | 25 | 1827080000 |
| ZTA ZT2.5/ZA | 5.1 mm | 25 | 1847600000 |
| SD 0.6x3.5x100 | | | |
| | | 1 | 9008330000 |
| ZRH 1.5H/1 | | 1000 | 1678810000 |
| ZRH 1.5H/2 | | 1000 | 1678800000 |
| ZAD 9/4 | | | |
| | | 20 | 1934160000 |

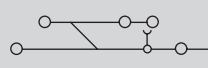
| Marking systems | Snap Mark / DEK 5/5 / WS 10/5 |
|---|-------------------------------|
| 2.5 mm ² conductors with plastic collar wire end ferrules only with optimised diameter collar (order No. 1333100000, 500 pcs). | |

ZDK 2.5/3AN V

2.5 mm²

Vertical cross-connected double-level terminal



| | |
|-----------------|---|
| 5.1 x 93 x 51.5 |  |
| 24 / 4 | |
| 0.05...4 | |

IEC 60947-7-1

| IEC | UL | CSA | EN 60079-7 |
|---------|-------------|-------------|------------|
| 800 | 300 | 300 | 550 |
| 24 | 20 | 20 | 20.5 |
| 2.5 | AWG 30...12 | AWG 30...12 | 2.5 |
| 8 / 3 | | | |
| A2 / V0 | | | |



| Rated connection | |
|--|--|
| 0.5...4 / 0.5...2.5 | |
| 0.5...2.5 / 0.5...2.5 | |
| 10 / 0.6 x 3.5 mm | |
| 2.5 mm ² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. | |

| Type | Qty | Order No. |
|------------------|-----|-------------------|
| ZDK 2.5/3AN V | 50 | 1924490000 |
| ZDK 2.5/3AN V BL | 50 | 1924480000 |

| Type | current | Qty | Order No. |
|--------------------|---------|------|-------------------|
| ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| Width | | | |
| ZAP/TW ZDK 2.5/3AN | 2 mm | 20 | 1924910000 |
| Width | | | |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| Width | | | |
| ZTA ZT2.5 | 5.1 mm | 25 | 1827080000 |
| ZTA ZT2.5/ZA | 5.1 mm | 25 | 1847600000 |
| SD 0.6x3.5x100 | | | |
| | | 1 | 9008330000 |
| ZRH 1.5H/1 | | 1000 | 1678810000 |
| ZRH 1.5H/2 | | 1000 | 1678800000 |
| ZAD 9/4 | | | |
| | | 20 | 1934160000 |

| Marking systems | Snap Mark / DEK 5/5 / WS 10/5 |
|---|-------------------------------|
| 2.5 mm ² conductors with plastic collar wire end ferrules only with optimised diameter collar (order No. 1333100000, 500 pcs). | |

Modular PE terminals

Standard model

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|-------------------|
| Width/Length/height with TS35x7.5 | mm |
| max. current / max. cond. cross-section | A/mm ² |
| Max. clamping range | mm ² |

Technical data

| Rated data | |
|--|-----------------|
| Rated cross-section | mm ² |
| Rated voltage to adjacent terminal | V |
| Rated impulse withstand voltage to adjacent terminal | kV |
| Pollution severity | |
| Gauge to IEC 60947-1 / UL94 Flammability class | |
| Approvals | |
| Clamped conductors (H05V/H07V) | |
| solid / stranded | mm ² |
| flexible / Stranded wire with end ferrules | mm ² |
| Stripping length / Blade size | mm/- |
| Note | |

Ordering data

| Version | |
|-------------|--------------------|
| | green/yellow Wemid |
| Note | |

Accessories

| End plate / partition | |
|-----------------------|---|
| | Dark beige Wemid |
| End bracket | |
| | Dark beige Wemid |
| Test adapter | |
| | Standard |
| | With assembly peg |
| Screwdriver | |
| | Standard |
| Reducing sleeves | |
| | For conductors < 0,5 mm ² / AWG 20 |
| | For conductors < 1,0 mm ² / AWG 18 |

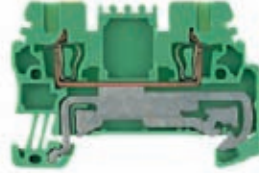
Marking systems (see assortment in catalogue 7)
Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

ZPE 1.5

1.5 mm²

Two connections



| | |
|-----------------|--|
| 3.5 x 54.5 x 37 | |
| / 1.5 | |
| 0.05...1.5 | |



IEC 60947-7-2 Ex e ll II 2 G D

| IEC | UL | CSA | EN 60079-7 |
|-----|-------------|-------------|------------|
| 1.5 | AWG 30...14 | AWG 26...14 | 1.5 |
| 500 | | | |
| 6 | | | |
| | 3 | | |
| | B1 / V-0 | | |

KEMA 01ATEX2106 U

| Rated connection | |
|-----------------------|--|
| 0.5...1.5 | |
| 0.5...1.5 / 0.5...1.5 | |
| 10 / 0.4 x 2.0 mm | |

| Type | Qty | Order No. |
|---------|-----|------------|
| ZPE 1.5 | 100 | 1775510000 |

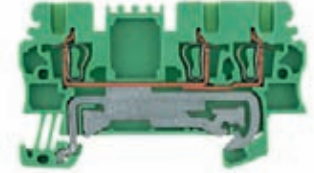
| Type | Width | Qty | Order No. |
|-------------------|--------|-----|------------|
| ZAP/TW ZDU1.5/2AN | 2 mm | 20 | 1776030000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 5 | 3.5 mm | 25 | 1776210000 |
| ZTA 5/ZA | 3.5 mm | 25 | 1776220000 |
| SD 0.4x2.0x60 | | 1 | 9037160000 |
| ZRH 1.5S/1 | | 500 | 1781950000 |
| ZRH 1.5S/2 | | 500 | 1781960000 |

DEK 5/5 / WS 12/3,5

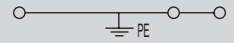
ZPE 1.5/3AN

1.5 mm²

Three connections



| | |
|---------------|--|
| 3.5 x 63 x 37 | |
| / 1.5 | |
| 0.05...1.5 | |



IEC 60947-7-2 Ex e ll II 2 G D

| IEC | UL | CSA | EN 60079-7 |
|-----|-------------|-------------|------------|
| 1.5 | AWG 30...14 | AWG 26...14 | 1.5 |
| 500 | | | |
| 6 | | | |
| | 3 | | |
| | B1 / V-0 | | |

KEMA 01ATEX2106 U

| Rated connection | |
|-----------------------|--|
| 0.5...1.5 | |
| 0.5...1.5 / 0.5...1.5 | |
| 10 / 0.4 x 2.0 mm | |

| Type | Qty | Order No. |
|-------------|-----|------------|
| ZPE 1.5/3AN | 100 | 1775560000 |

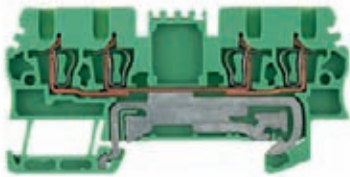
| Type | Width | Qty | Order No. |
|-------------------|--------|-----|------------|
| ZAP/TW ZDU1.5/3AN | 2 mm | 20 | 1776060000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 5 | 3.5 mm | 25 | 1776210000 |
| ZTA 5/ZA | 3.5 mm | 25 | 1776220000 |
| SD 0.4x2.0x60 | | 1 | 9037160000 |
| ZRH 1.5S/1 | | 500 | 1781950000 |
| ZRH 1.5S/2 | | 500 | 1781960000 |

DEK 5/5 / WS 12/3,5

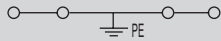
ZPE 1.5/4AN

1.5 mm²

Four connections



3.5 x 75.5 x 37
/ 1.5
0.05...1.5



IEC 60947-7-2 Ex e II **Ex** II 2 G D

| IEC | UL | CSA | EN 60079-7 |
|-----|-------------|-------------|------------|
| 1.5 | AWG 30...14 | AWG 26...14 | 1.5 |
| 500 | | | |
| 6 | | | |
| | 3 | | |
| | B1 / V-0 | | |

Rated connection

0.5...1.5
0.5...1.5 / 0.5...1.5
10 / 0.4 x 2.0 mm

| Type | Qty | Order No. |
|-------------|-----|------------|
| ZPE 1.5/4AN | 100 | 1775620000 |

| Type | Width | Qty | Order No. |
|-------------------|--------|-----|------------|
| ZAP/TW ZDU1.5/4AN | 2 mm | 20 | 1776090000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 5 | 3.5 mm | 25 | 1776210000 |
| ZTA 5/ZA | 3.5 mm | 25 | 1776220000 |
| SD 0.4x2.0x60 | | 1 | 9037160000 |
| ZRH 1.5S/1 | | 500 | 1781950000 |
| ZRH 1.5S/2 | | 500 | 1781960000 |

DEK 5/5 / WS 12/3,5

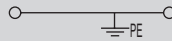
ZPE 2.5

2.5 mm²

Two connections



5.1 x 63 x 39.5
/ 4
0.05...4



IEC 60947-7-2 Ex e II **Ex** II 2 G D

| IEC | UL | CSA | EN 60079-7 |
|-----|-------------|-------------|------------|
| 2.5 | AWG 30...12 | AWG 26...12 | 2.5 |
| 800 | | | |
| 8 | | | |
| | 3 | | |
| | A3 / V-0 | | |

Rated connection

0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

| Type | Qty | Order No. |
|---------|-----|------------|
| ZPE 2.5 | 100 | 1608640000 |

| Type | Width | Qty | Order No. |
|-----------------|--------|------|------------|
| ZAP/TW 1 | 2 mm | 50 | 1608740000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 1 | 5.1 mm | 25 | 1609040000 |
| ZTA 1/ZA | 5.1 mm | 25 | 1609050000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| ZRH 2.5/1 WS | | 1000 | 1614300000 |
| ZRH 2.5/2 GR/V0 | | 1000 | 1614290000 |

DEK 5/5 / WS 10/5

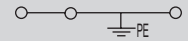
ZPE 2.5/3AN

2.5 mm²

Three connections



5.1 x 64.5 x 39.5
/ 4
0.05...4



IEC 60947-7-2 Ex e II **Ex** II 2 G D

| IEC | UL | CSA | EN 60079-7 |
|-----|-------------|-------------|------------|
| 2.5 | AWG 30...12 | AWG 26...12 | 2.5 |
| 800 | | | |
| 8 | | | |
| | 3 | | |
| | A3 / V-0 | | |

Rated connection

0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

| Type | Qty | Order No. |
|-------------|-----|------------|
| ZPE 2.5/3AN | 100 | 1608650000 |

| Type | Width | Qty | Order No. |
|-----------------|--------|------|------------|
| ZAP/TW 2 DB | 2 mm | 50 | 1608770000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 1 | 5.1 mm | 25 | 1609040000 |
| ZTA 1/ZA | 5.1 mm | 25 | 1609050000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| ZRH 2.5/1 WS | | 1000 | 1614300000 |
| ZRH 2.5/2 GR/V0 | | 1000 | 1614290000 |

DEK 5/5 / WS 10/5

Modular PE terminals

Standard model

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|-------------------|
| Width/Length/height with TS35x7.5 | mm |
| max. current / max. cond. cross-section | A/mm ² |
| Max. clamping range | mm ² |

Technical data

| Rated data | |
|--|-----------------|
| Rated cross-section | mm ² |
| Rated voltage to adjacent terminal | V |
| Rated impulse withstand voltage to adjacent terminal | kV |
| Pollution severity | |
| Gauge to IEC 60947-1 / UL94 Flammability class | |
| Approvals | |
| Clamped conductors (H05V/H07V) | |
| solid / stranded | mm ² |
| flexible / Stranded wire with end ferrules | mm ² |
| Stripping length / Blade size | mm/- |
| Note | |

Ordering data

| Version | Note |
|--------------------|------|
| green/yellow Wemid | |
| Note | |

Accessories

| End plate / partition | End bracket | Test adapter | Screwdriver | Reducing sleeves |
|-----------------------|------------------|-------------------------------|-------------|--|
| Dark beige Wemid | Dark beige Wemid | Standard With assembly peg | Standard | For conductors < 0,5 mm ² / AWG 20 For conductors < 1,0 mm ² / AWG 18 |

| | |
|---|---|
| Marking systems | (see assortment in catalogue 7) Marking tags |
| For detailed information on other accessories and applications, refer to the „Accessories“ section | |

ZPE 2.5/4AN

2.5 mm²

Four connections



| | |
|-------------------|--|
| 5.1 x 79.5 x 39.5 | |
| / 4 | |
| 0.05...4 | |

| IEC 60947-7-2 | | | | Ex e ll II 2 G D | |
|---------------------|-------------|-------------|-------------------|-------------------|--|
| IEC | UL | CSA | EN 60079-7 | | |
| 2.5 | AWG 30...12 | AWG 26...12 | 2.5 | | |
| 800 | | | | | |
| 8 | | | | | |
| | | | 3 | | |
| | | | A3 / V-0 | | |
| | | | KEMA 97ATEX2521 U | | |
| Rated connection | | | | | |
| 0.5...4 | | | | | |
| 0.5...4 / 0.5...2.5 | | | | | |
| 10 / 0.6 x 3.5 mm | | | | | |
| Note | | | | | |

| Type | Qty | Order No. |
|-------------|-----|------------|
| ZPE 2.5/4AN | 100 | 1608660000 |
| Note | | |

| Type | Width | Qty | Order No. |
|-----------------|--------|------|------------|
| ZAP/TW 3 | 2 mm | 50 | 1608800000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 1 | 5.1 mm | 25 | 1609040000 |
| ZTA 1/ZA | 5.1 mm | 25 | 1609050000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| ZRH 2.5/1 WS | | 1000 | 1614300000 |
| ZRH 2.5/2 GR/V0 | | 1000 | 1614290000 |

| |
|-------------------|
| DEK 5/5 / WS 10/5 |
| Note |

ZPE 4

4 mm²

Two connections



| | |
|-----------------|--|
| 6.1 x 64 x 43.5 | |
| / 6 | |
| 0.13...6 | |

| IEC 60947-7-2 | | | | Ex e ll II 2 G D | |
|-------------------|-------------|-------------|-------------------|-------------------|--|
| IEC | UL | CSA | EN 60079-7 | | |
| 4 | AWG 26...10 | AWG 26...10 | 4 | | |
| 800 | | | | | |
| 8 | | | | | |
| | | | 3 | | |
| | | | A4 / V-0 | | |
| | | | KEMA 97ATEX2521 U | | |
| Rated connection | | | | | |
| 0.5...6 / 1.5...6 | | | | | |
| 0.5...6 / 0.5...4 | | | | | |
| 12 / 0.6 x 3.5 mm | | | | | |
| Note | | | | | |

| Type | Qty | Order No. |
|-------------|-----|------------|
| ZPE 4 | 100 | 1632080000 |
| Note | | |

| Type | Width | Qty | Order No. |
|----------------|--------|------|------------|
| ZAP/TW 4 | 2 mm | 50 | 1632090000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 2 ZDU4 | 6.1 mm | 25 | 1609060000 |
| ZTA 2/ZA ZDU4 | 6.1 mm | 25 | 1609070000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| ZRH 4/1 WS | | 1000 | 1636640000 |
| ZRH 4/2 | | 1000 | 1636650000 |

| |
|-------------------|
| DEK 5/6 / WS 12/6 |
| Note |

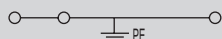
ZPE 4/3 AN

4 mm²

Three connections



6.1 x 85.5 x 43.5
/ 6
0.13...6



IEC 60947-7-2 Ex e II II 2 G D

| IEC | UL | CSA | EN 60079-7 |
|-----|-------------|-------------|------------|
| 4 | AWG 26...10 | AWG 26...10 | 4 |
| 800 | | | |
| 8 | | | |
| | 3 | | |
| | A4 / V-0 | | |

KEMA 00ATEX2107 U

Rated connection

0.5...6 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

| Type | Qty | Order No. |
|-----------|-----|------------|
| ZPE 4/3AN | 50 | 7904170000 |

| Type | Width | Qty | Order No. |
|----------------|--------|------|------------|
| ZAP/TW 4/3AN | 2 mm | 20 | 7904100000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 2 ZDU4 | 6.1 mm | 25 | 1609060000 |
| ZTA 2/ZA ZDU4 | 6.1 mm | 25 | 1609070000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| ZRH 4/1 WS | | 1000 | 1636640000 |
| ZRH 4/2 | | 1000 | 1636650000 |

DEK 5/6 / WS 12/6

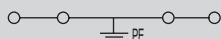
ZPE 4/4 AN

4 mm²

Four connections



6.1 x 104.5 x 43.5
/ 6
0.13...6



IEC 60947-7-2 Ex e II II 2 G D

| IEC | UL | CSA | EN 60079-7 |
|-----|-------------|-------------|------------|
| 4 | AWG 26...10 | AWG 26...10 | 4 |
| 800 | | | |
| 8 | | | |
| | 3 | | |
| | A4 / V-0 | | |

KEMA 00ATEX2107 U

Rated connection

0.5...6 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

| Type | Qty | Order No. |
|-----------|-----|------------|
| ZPE 4/4AN | 50 | 7904280000 |

| Type | Width | Qty | Order No. |
|----------------|--------|------|------------|
| ZAP/TW4/4AN | 2 mm | 20 | 7904210000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 2 ZDU4 | 6.1 mm | 25 | 1609060000 |
| ZTA 2/ZA ZDU4 | 6.1 mm | 25 | 1609070000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| ZRH 4/1 WS | | 1000 | 1636640000 |
| ZRH 4/2 | | 1000 | 1636650000 |

DEK 5/6 / WS 12/6

Modular PE terminals

Standard model

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|-------------------|
| Width/Length/height with TS35x7.5 | mm |
| max. current / max. cond. cross-section | A/mm ² |
| Max. clamping range | mm ² |

Technical data

| Rated data | |
|--|-----------------|
| Rated cross-section | mm ² |
| Rated voltage to adjacent terminal | V |
| Rated impulse withstand voltage to adjacent terminal | kV |
| Pollution severity | |
| Gauge to IEC 60947-1 / UL94 Flammability class | |
| Approvals | |
| Clamped conductors (H05V/H07V) | |
| solid / stranded | mm ² |
| flexible / Stranded wire with end ferrules | mm ² |
| Stripping length / Blade size | mm/- |
| Note | |

Ordering data

| Version | Note |
|--------------------|------|
| green/yellow Wemid | |
| Note | |

Accessories

| End plate / partition | End bracket | Test adapter | Screwdriver | Reducing sleeves |
|-----------------------|------------------|-------------------------------|-------------|--|
| Dark beige Wemid | Dark beige Wemid | Standard With assembly peg | Standard | For conductors < 0,5 mm ² / AWG 20 For conductors < 1,0 mm ² / AWG 18 |

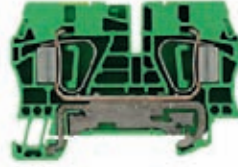
Marking systems (see assortment in catalogue 7)
Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

ZPE 6

6 mm²

Two connections



| | |
|-----------------|--|
| 8.1 x 65 x 45.5 | |
| / 10 | |
| 0.22...10 | |

IEC 60947-7-2 Ex e ll II 2 G D

| IEC | UL | CSA | EN 60079-7 |
|----------|------------|------------|------------|
| 6 | AWG 22...8 | AWG 20...8 | 6 |
| 800 | | | |
| 8 | | | |
| 3 | | | |
| A5 / V-0 | | | |

KEMA 97ATEX2521 U

| Rated connection | |
|---------------------|--|
| 0.5...10 / 1.5...10 | |
| 0.5...10 / 0.5...6 | |
| 13 / 0.6 x 3.5 mm | |

| Type | Qty | Order No. |
|-------|-----|------------|
| ZPE 6 | 50 | 1608670000 |

| Type | Width | Qty | Order No. |
|----------------|--------|-----|------------|
| ZAP/TW 5 | 2 mm | 50 | 1608830000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 3 ZDU6 | 8.1 mm | 25 | 1654050000 |
| SD 1.0x5.5x150 | | 1 | 9008350000 |

DEK 5/8 / WS 12/6

ZPE 6/3 AN

6 mm²

Three connections



| | |
|-----------------|--|
| 8.1 x 90 x 45.6 | |
| / 10 | |
| 0.22...10 | |

IEC 60947-7-2 Ex e ll II 2 G D

| IEC | UL | CSA | EN 60079-7 |
|----------|------------|------------|------------|
| 6 | AWG 22...8 | AWG 20...8 | 6 |
| 800 | | | |
| 8 | | | |
| 3 | | | |
| A5 / V-0 | | | |

KEMA 00ATEX2107 U

| Rated connection | |
|---------------------|--|
| 0.5...10 / 1.5...10 | |
| 0.5...10 / 0.5...6 | |
| 13 / 0.6 x 3.5 mm | |

| Type | Qty | Order No. |
|-----------|-----|------------|
| ZPE 6/3AN | 50 | 7907400000 |

| Type | Width | Qty | Order No. |
|----------------|--------|-----|------------|
| ZAP/TW6/3AN | 2 mm | 20 | 7907370000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 3 ZDU6 | 8.1 mm | 25 | 1654050000 |
| SD 1.0x5.5x150 | | 1 | 9008350000 |

DEK 5/8 / WS 12/6

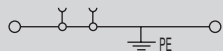
ZPE 10

10 mm²

Two connections



10.1 x 73.5 x 50.5
/ 16
1.31...16



IEC 60947-7-2 Ex e II II 2 G D

| IEC | UL | CSA | EN 60079-7 |
|-----|------------|------------|------------|
| 10 | AWG 16...6 | AWG 16...6 | 10 |
| 800 | | | |
| 8 | | | |
| | 3 | | |
| | A6 / V-0 | | |

KEMA 99ATEX5514 U

| Rated connection |
|---------------------|
| 1.5...16 / 10...16 |
| 1.5...10 / 1.5...10 |
| 18 / 1.0 x 5.5 mm |

| Type | Qty | Order No. |
|--------|-----|------------|
| ZPE 10 | 25 | 1746770000 |

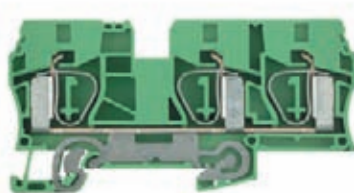
| Type | Width | Qty | Order No. |
|----------------|--------|-----|------------|
| ZAP/TW ZDU10 | 2.7 mm | 20 | 1748660000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| SD 1.0x5.5x150 | | 1 | 9008350000 |

DEK 5/5 / WS 12/6

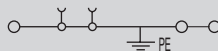
ZPE 10/3 AN

10 mm²

Three connections



10.1 x 99 x 50.5
/ 16
1.31...16



IEC 60947-7-2 Ex e II II 2 G D

| IEC | UL | CSA | EN 60079-7 |
|-----|------------|------------|------------|
| 10 | AWG 16...6 | AWG 16...6 | 10 |
| 800 | | | |
| 8 | | | |
| | 3 | | |
| | A6 / V-0 | | |

KEMA 00ATEX2107 U

| Rated connection |
|---------------------|
| 1.5...16 / 10...16 |
| 1.5...10 / 1.5...10 |
| 18 / 1.0 x 5.5 mm |

| Type | Qty | Order No. |
|------------|-----|------------|
| ZPE 10/3AN | 20 | 1767670000 |

| Type | Width | Qty | Order No. |
|----------------|-------|-----|------------|
| ZAP/TW 10/16 | 3 mm | 20 | 1749580000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| SD 1.0x5.5x150 | | 1 | 9008350000 |

DEK 5/5 / WS 12/6

Modular PE terminals

Standard model

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|-------------------|
| Width/Length/height with TS35x7.5 | mm |
| max. current / max. cond. cross-section | A/mm ² |
| Max. clamping range | mm ² |

Technical data

| Rated data | |
|--|-----------------|
| Rated cross-section | mm ² |
| Rated voltage to adjacent terminal | V |
| Rated impulse withstand voltage to adjacent terminal | kV |
| Pollution severity | |
| Gauge to IEC 60947-1 / UL94 Flammability class | |
| Approvals | |
| Clamped conductors (H05V/H07V) | |
| solid / stranded | mm ² |
| flexible / Stranded wire with end ferrules | mm ² |
| Stripping length / Blade size | mm/- |
| Note | |

Ordering data

| Version | Note |
|--------------------|------|
| green/yellow Wemid | |
| Note | |

Accessories

| End plate / partition | End bracket | Test adapter | Screwdriver | Reducing sleeves |
|-----------------------|------------------|-------------------------------|-------------|--|
| Dark beige Wemid | Dark beige Wemid | Standard With assembly peg | Standard | For conductors < 0,5 mm ² / AWG 20 For conductors < 1,0 mm ² / AWG 18 |

| Marking systems | For detailed information on other accessories and applications, refer to the „Accessories“ section |
|---|--|
| (see assortment in catalogue 7) Marking tags | |

ZPE 16

16 mm²

Two connections



| | |
|--------------------|--|
| 12.1 x 82.5 x 51.5 | |
| / 25 | |
| 1.5...25 | |

| IEC 60947-7-2 | | | | Ex e ll Ex II 2 G D | | | |
|---|------------|------------|------------|---------------------|--|--|--|
| IEC | UL | CSA | EN 60079-7 | | | | |
| 16 | AWG 14...4 | AWG 14...4 | 16 | | | | |
| 800 | | | | | | | |
| 8 | | | | | | | |
| | 3 | | | | | | |
| | A7 / V-0 | | | | | | |
| | | | | KEMA 99ATEX5514 U | | | |
| Rated connection | | | | | | | |
| 1.5...16 / 16...25 | | | | | | | |
| 1.5...16 / 1.5...16 | | | | | | | |
| 18 / 1.0 x 5.5 mm | | | | | | | |
| To maintain the current-carrying capacity of the terminal rail, use the TS 35 x 15. | | | | | | | |

| Type | Qty | Order No. |
|--------|-----|------------|
| ZPE 16 | 25 | 1745250000 |

| Type | Width | Qty | Order No. |
|----------------|-------|-----|------------|
| ZAP/TW ZDU16 | 3 mm | 20 | 1745150000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| | | | |
| | | | |
| | | | |
| SD 1.0x5.5x150 | | 1 | 9008350000 |
| | | | |
| | | | |

| Marking systems | For detailed information on other accessories and applications, refer to the „Accessories“ section |
|-------------------|--|
| DEK 5/5 / WS 15/5 | The plug-in cross-connections ZQV 16/2 (1739690000) can be used. |

ZPE 16/3AN

16 mm²

Three connections



| | |
|------------------|--|
| 12.1 x 99 x 51.5 | |
| / 25 | |
| 1.5...25 | |

| IEC 60947-7-2 | | | | Ex e ll Ex II 2 G D | | | |
|---|------------|------------|------------|---------------------|--|--|--|
| IEC | UL | CSA | EN 60079-7 | | | | |
| 16 | AWG 14...4 | AWG 14...4 | 16 | | | | |
| 800 | | | | | | | |
| 8 | | | | | | | |
| | 3 | | | | | | |
| | A7 / V-0 | | | | | | |
| | | | | KEMA 00ATEX2107 U | | | |
| Rated connection | | | | | | | |
| 1.5...16 / 16...25 | | | | | | | |
| 1.5...16 / 1.5...16 | | | | | | | |
| 18 / 1.0 x 5.5 mm | | | | | | | |
| To maintain the current-carrying capacity of the terminal rail, use the TS 35 x 15. | | | | | | | |

| Type | Qty | Order No. |
|------------|-----|------------|
| ZPE 16/3AN | 20 | 1768310000 |

| Type | Width | Qty | Order No. |
|----------------|-------|-----|------------|
| ZAP/TW 10/16 | 3 mm | 20 | 1749580000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| | | | |
| | | | |
| | | | |
| SD 1.0x5.5x150 | | 1 | 9008350000 |
| | | | |
| | | | |

| Marking systems | For detailed information on other accessories and applications, refer to the „Accessories“ section |
|-------------------|--|
| DEK 5/5 / WS 15/5 | |

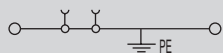
ZPE 35

35 mm²

Two connections



16 x 100.5 x 60
/ 35
2.5...35



IEC 60947-7-2 Ex e II **Ex** II 2 G D

| IEC | UL | CSA | EN 60079-7 |
|-----|------------|------------|------------|
| 35 | AWG 12...2 | AWG 12...2 | 35 |
| 800 | | | |
| 8 | | | |
| | 3 | | |
| | A8 / V-0 | | |

UL KEMA 00ATEX2107 U

Rated connection

2.5...16 / 2.5...35

2.5...35 / 2.5...35

25 / 1.0 x 5.5 mm

To maintain the current-carrying capacity of the terminal rail, use the TS 35 x 15.

| Type | Qty | Order No. |
|--------------------------|-----|------------|
| ZPE 35 | 10 | 1739650000 |
| End plate is integrated. | | |

| Type | Width | Qty | Order No. |
|----------------|-------|-----|------------|
| ZEW 35 | 6 mm | 20 | 9540000000 |
| SD 1.0x5.5x150 | | 1 | 9008350000 |

DEK 5/5 / WS 15/5

The plug-in cross-connections ZQV 35/2 (1739700000) can be used.

D

Modular PE terminals

Roof-style

The compact terminal range for conductor cross-sections 0.13 to 16 mm²

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|-------------------|
| Width/Length/height with TS35x7.5 | mm |
| max. current / max. cond. cross-section | A/mm ² |
| Max. clamping range | mm ² |

Technical data

| Rated data | |
|--|-----------------|
| Rated cross-section | mm ² |
| Rated voltage to adjacent terminal | V |
| Rated impulse withstand voltage to adjacent terminal | kV |
| Short-time withstand current | |
| Pollution severity | |
| Gauge to IEC 60947-1 / UL94 Flammability class | |
| Approvals | |
| Clamped conductors (H05V/H07V) | |
| solid / stranded | mm ² |
| flexible / Stranded wire with end ferrules | mm ² |
| Stripping length / Blade size | mm/- |
| Note | |

Ordering data

| Version | |
|---------|--------------------|
| | green/yellow Wemid |
| Note | |

Accessories

| End plate / partition | |
|-----------------------|---|
| | Dark beige Wemid |
| End bracket | |
| | Dark beige Wemid |
| Test adapter | |
| | With assembly peg |
| Screwdriver | |
| | Standard |
| Reducing sleeves | |
| | For conductors < 0,5 mm ² / AWG 20 |
| | For conductors < 1,0 mm ² / AWG 18 |

Marking systems (see assortment in catalogue 7)
Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

ZPE 2.5-2

2.5 mm²

Two connections



| | |
|-----------------|--|
| 5.1 x 50.5 x 44 | |
| / 4 | |
| 0.13...4 | |

IEC 60947-7-2 Ex e ll II 2 G D

| IEC | UL | CSA | EN 60079-7 |
|-----|-------------|-------------|------------|
| 2.5 | AWG 26...12 | AWG 30...14 | 2.5 |
| 800 | | | |
| 8 | | | |
| | 3 | | |
| | A2 / V-0 | | |

KEMA 97ATEX4677 U

| Rated connection | |
|--|-----------------------|
| | 0.5...4 |
| | 0.5...2.5 / 0.5...2.5 |
| | 10 / 0.6 x 3.5 mm |
| 2.5 mm ² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. | |

| Type | Qty | Order No. |
|-----------|-----|-------------------|
| ZPE 2.5-2 | 100 | 1772090000 |

| Type | Width | Qty | Order No. |
|----------------|--------|------|-------------------|
| ZAP/TW7 | 2.5 mm | 50 | 1706110000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 4 | 5.1 mm | 25 | 1688110000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| ZRH 1.5H/1 | | 1000 | 1678810000 |
| ZRH 1.5H/2 | | 1000 | 1678800000 |

DEK 5/5 / WS 14/5

ZPE 2.5-2/3AN

2.5 mm²

Three connections



| | |
|-----------------|--|
| 5.1 x 50.5 x 44 | |
| / 4 | |
| 0.13...4 | |

IEC 60947-7-2 Ex e ll II 2 G D

| IEC | UL | CSA | EN 60079-7 |
|-----|-------------|-------------|------------|
| 2.5 | AWG 26...12 | AWG 30...14 | 2.5 |
| 800 | | | |
| 8 | | | |
| | 3 | | |
| | A2 / V-0 | | |

KEMA 97ATEX4677 U

| Rated connection | |
|--|-----------------------|
| | 0.5...4 |
| | 0.5...2.5 / 0.5...2.5 |
| | 10 / 0.6 x 3.5 mm |
| 2.5 mm ² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. | |

| Type | Qty | Order No. |
|---------------|-----|-------------------|
| ZPE 2.5-2/3AN | 100 | 1706090000 |

| Type | Width | Qty | Order No. |
|----------------|--------|------|-------------------|
| ZAP/TW7 | 2.5 mm | 50 | 1706110000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 4 | 5.1 mm | 25 | 1688110000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| ZRH 1.5H/1 | | 1000 | 1678810000 |
| ZRH 1.5H/2 | | 1000 | 1678800000 |

DEK 5 / WS 14/5

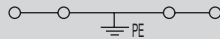
ZPE 2.5-2/4AN

2.5 mm²

Four connections



5.1 x 50.5 x 44
/ 4
0.13...4



| | | | |
|---------------|-------------|-------------------|-------------------|
| IEC 60947-7-2 | | Ex e II II 2 G D | |
| IEC | UL | CSA | EN 60079-7 |
| 2.5 | AWG 26...12 | AWG 30...14 | 2.5 |
| 800 | | | |
| 8 | | | |
| 3 | | | |
| A2 / V-0 | | | |

| | | |
|--|--|-------------------|
| | | KEMA 97ATEX4677 U |
| Rated connection | | |
| 0.5...4 | | |
| 0.5...2.5 / 0.5...2.5 | | |
| 10 / 0.6 x 3.5 mm | | |
| 2.5 mm ² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/6 crimping tool. | | |

| Type | Qty | Order No. |
|---------------|-----|-------------------|
| ZPE 2.5-2/4AN | 100 | 1706100000 |

| Type | Width | Qty | Order No. |
|----------------|--------|------|-------------------|
| ZAP/TW7 | 2.5 mm | 50 | 1706110000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 4 | 5.1 mm | 25 | 1688110000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| ZRH 1.5H/1 | | 1000 | 1678810000 |
| ZRH 1.5H/2 | | 1000 | 1678800000 |

DEK 5/5 / WS 10/5

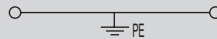
ZPE 4-2/2AN

4 mm²

Two connections



6.1 x 61.5 x 46
/ 6
0.13...6



| | | | |
|---------------|-------------|-------------------|-------------------|
| IEC 60947-7-2 | | Ex e II II 2 G D | |
| IEC | UL | CSA | EN 60079-7 |
| 4 | AWG 26...10 | AWG 26...10 | 4 |
| 800 | | | |
| 8 | | | |
| 3 | | | |
| A3 / V-0 | | | |

| | | |
|-------------------------|--|-------------------|
| | | KEMA 97ATEX4677 U |
| Rated connection | | |
| 0.5...6 | | |
| 0.5...4 / 0.5...4 | | |
| 10 / 0.6 x 3.5 mm | | |

| Type | Qty | Order No. |
|-------------|-----|-------------------|
| ZPE 4-2/2AN | 100 | 1770380000 |

| Type | Width | Qty | Order No. |
|----------------|--------|------|-------------------|
| ZAP ZDU4-2 | 2 mm | 50 | 1770400000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 6/ZA | 6.1 mm | 25 | 1780660000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| ZRH 4/1 WS | | 1000 | 1636640000 |
| ZRH 4/2 | | 1000 | 1636650000 |

DEK 5/6 / WS 12/6

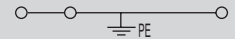
ZPE 4-2/3AN

4 mm²

Three connections



6.1 x 61.5 x 46
/ 6
0.13...6



| | | | |
|---------------|-------------|-------------------|-------------------|
| IEC 60947-7-2 | | Ex e II II 2 G D | |
| IEC | UL | CSA | EN 60079-7 |
| 4 | AWG 26...10 | AWG 26...10 | 4 |
| 800 | | | |
| 8 | | | |
| 3 | | | |
| A3 / V-0 | | | |

| | | |
|-------------------------|--|-------------------|
| | | KEMA 97ATEX4677 U |
| Rated connection | | |
| 0.5...6 | | |
| 0.5...4 / 0.5...4 | | |
| 10 / 0.6 x 3.5 mm | | |

| Type | Qty | Order No. |
|-------------|-----|-------------------|
| ZPE 4-2/3AN | 100 | 1770390000 |

| Type | Width | Qty | Order No. |
|----------------|--------|------|-------------------|
| ZAP ZDU4-2 | 2 mm | 50 | 1770400000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 6/ZA | 6.1 mm | 25 | 1780660000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| ZRH 4/1 WS | | 1000 | 1636640000 |
| ZRH 4/2 | | 1000 | 1636650000 |

DEK 5/6 / WS 12/6

Modular PE terminals

Roof-style

The compact terminal range for conductor cross-sections 0.13 to 16 mm²

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|-------------------|
| Width/Length/height with TS35x7.5 | mm |
| max. current / max. cond. cross-section | A/mm ² |
| Max. clamping range | mm ² |

Technical data

| | |
|--|-----------------|
| Rated data | |
| Rated cross-section | mm ² |
| Rated voltage to adjacent terminal | V |
| Rated impulse withstand voltage to adjacent terminal | kV |
| Short-time withstand current | |
| Pollution severity | |
| Gauge to IEC 60947-1 / UL94 Flammability class | |
| Approvals | |
| Clamped conductors (H05V/H07V) | |
| solid / stranded | mm ² |
| flexible / Stranded wire with end ferrules | mm ² |
| Stripping length / Blade size | mm/- |

Note

Ordering data

| | |
|----------------|--------------------|
| Version | green/yellow Wemid |
| Note | |

Accessories

| | |
|------------------------------|---|
| End plate / partition | Dark beige Wemid |
| End bracket | Dark beige Wemid |
| Test adapter | With assembly peg |
| Screwdriver | Standard |
| Reducing sleeves | |
| | For conductors < 0,5 mm ² / AWG 20 |
| | For conductors < 1,0 mm ² / AWG 18 |

Marking systems (see assortment in catalogue 7)
Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

ZPE 4-2/4 AN

4 mm²

Four connections



6.1 x 75 x 46
/ 6
0.13...6



IEC 60947-7-2 Ex e ll II 2 G D

| IEC | UL | CSA | EN 60079-7 |
|-----|-------------|-------------|------------|
| 4 | AWG 26...10 | AWG 26...10 | 4 |
| 800 | | | |
| 8 | | | |
| | 3 | | |
| | A3 / V-0 | | |

KEMA 97ATEX4677 U

Rated connection

| |
|-------------------|
| 0.5...6 |
| 0.5...4 / 0.5...4 |
| 10 / 0.6 x 3.5 mm |

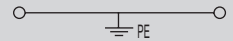
ZPE 6-2/2AN

6 mm²

Two connections



8.1 x 68 x 50
/ 10
0.22...10



IEC 60947-7-2 Ex e ll II 2 G D

| IEC | UL | CSA | EN 60079-7 |
|-----|------------|------------|------------|
| 6 | AWG 22...8 | AWG 20...8 | 6 |
| 800 | | | |
| 8 | | | |
| | 3 | | |
| | A5 / V-0 | | |

KEMA 97ATEX4677 U

Rated connection

| |
|--------------------|
| 0.5...10 |
| 0.5...10 / 0.5...6 |
| 12 / 0.6 x 3.5 mm |

| Type | Qty | Order No. |
|-------------|-----|------------|
| ZPE 4-2/4AN | 100 | 1807090000 |

| Type | Qty | Order No. |
|-------------|-----|------------|
| ZPE 6-2/2AN | 50 | 1771370000 |

| Type | Width | Qty | Order No. |
|----------------|--------|------|------------|
| ZAP ZDU4-2/4AN | 2 mm | 50 | 1807010000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 6/ZA | 6.1 mm | 25 | 1780660000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| ZRH 4/1 WS | | 1000 | 1636640000 |
| ZRH 4/2 | | 1000 | 1636650000 |

| Type | Width | Qty | Order No. |
|----------------|--------|-----|------------|
| ZAP ZDU6-2 | 2.5 mm | 50 | 1771440000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 7/ZA | 8.1 mm | 25 | 1780670000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |

DEK 5/6 / WS 12/6

DEK 5/8

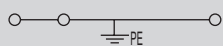
ZPE 6-2/3AN

6 mm²

Three connections



8.1 x 68 x 50
/ 10
0.22...10



IEC 60947-7-2 Ex e II **Ex** II 2 G D

| IEC | UL | CSA | EN 60079-7 |
|-----|------------|------------|------------|
| 6 | AWG 22...8 | AWG 20...8 | 6 |
| 800 | | | |
| 8 | | | |
| | 3 | | |
| | A5 / V-0 | | |

Rated connection
0.5...10
0.5...10 / 0.5...6
12 / 0.6 x 3.5 mm

| Type | Qty | Order No. |
|-------------|-----|------------|
| ZPE 6-2/3AN | 50 | 1771360000 |

| Type | Width | Qty | Order No. |
|----------------|--------|-----|------------|
| ZAP ZDU6-2 | 2.5 mm | 50 | 1771440000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 7/ZA | 8.1 mm | 25 | 1780670000 |
| SD 0.8x4.0x100 | | 1 | 9008340000 |

DEK 5/8

ZPE 16-2/1AN

16 mm²

Supply terminal - PE



12 x 65 x 51.5
/ 25
1.5...25



IEC 60947-7-2

| IEC | UL | CSA |
|-----|------------------------------|------------|
| 16 | AWG 14...4 | AWG 14...4 |
| 800 | | |
| 8 | | |
| | 1920 A (16 mm ²) | |
| | 3 | |
| | A7 / V-0 | |

Rated connection
1.5...10 / 16...25
1.5...16 / 1.5...16
18 / 1.0 x 5.5 mm

Rated voltage is reduced to 400 V or the IP rated voltage of the distribution terminals.

| Type | Qty | Order No. |
|--------------|-----|------------|
| ZPE 16-2/1AN | 20 | 1772960000 |

| Type | Width | Qty | Order No. |
|------------------|--------|-----|------------|
| ZAP/Z...16-2/1AN | 2.5 mm | 10 | 1772970000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| SD 1.0x5.5x150 | | 1 | 9008350000 |

DEK 5/8

The plug-in cross-connections ZQV 2.5/... , ZQV 4/... and ZQV 6/... can be used.

Modular PE terminals

Compact style

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|-------------------|
| Width/Length/height with TS35x7.5 | mm |
| max. current / max. cond. cross-section | A/mm ² |
| Max. clamping range | mm ² |

Technical data

| Rated data | |
|--|-----------------|
| Rated cross-section | mm ² |
| Rated voltage to adjacent terminal | V |
| Rated impulse withstand voltage to adjacent terminal | kV |
| Pollution severity | |
| Gauge to IEC 60947-1 / UL94 Flammability class | |
| Approvals | |
| Clamped conductors (H05V/H07V) | |
| solid / stranded | mm ² |
| flexible / Stranded wire with end ferrules | mm ² |
| Stripping length / Blade size | mm/- |
| Note | |

Ordering data

| Version | Note |
|--------------------|------|
| green/yellow Wemid | |
| Note | |

Accessories

| End plate / partition | End bracket | Test adapter | Screwdriver | Reducing sleeves |
|-----------------------|------------------|-------------------------------|-------------|--|
| Dark beige Wemid | Dark beige Wemid | Standard With assembly peg | Standard | For conductors < 0,5 mm ² / AWG 20 For conductors < 1,0 mm ² / AWG 18 |

| Marking systems | For detailed information on other accessories and applications, refer to the „Accessories“ section |
|---|--|
| (see assortment in catalogue 7) Marking tags | |

ZPE 2.5N

2.5 mm²

2 connections



| | | | |
|-----------------|-----|----------|--|
| 5.1 x 50.5 x 39 | / 4 | 0.05...4 | |
|-----------------|-----|----------|--|

| IEC 60947-7-1 (-7-2) | | | |
|--|-------------|-------------|------------|
| IEC | UL | CSA | EN 60079-7 |
| 2.5 | AWG 30...12 | AWG 30...12 | 2.5 |
| 800 | | | |
| 6 | | | |
| | 3 | | |
| | A2 / V0 | | |
| | | | |
| Rated connection | | | |
| 0.5...4 / 1.5...2.5 | | | |
| 0.5...2.5 / 0.5...1.5 | | | |
| 10 / 0.6 x 3.5 mm | | | |
| 2.5 mm ² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. | | | |

| Type | Qty | Order No. |
|----------|-----|------------|
| ZPE 2.5N | 50 | 1933760000 |

| Type | Width | Qty | Order No. |
|---------------------|--------|------|------------|
| ZAP/TW ZDU/ZPE 2.5N | 2 mm | 20 | 1933790000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA ZT2.5 | 5.1 mm | 25 | 1827080000 |
| ZTA ZT2.5/ZA | 5.1 mm | 25 | 1847600000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| ZRH 1.5H/1 | | 1000 | 1678810000 |
| ZRH 1.5H/2 | | 1000 | 1678800000 |

| Marking systems | For detailed information on other accessories and applications, refer to the „Accessories“ section |
|-------------------|---|
| DEK 5/5 / WS 10/5 | 2.5 mm ² conductors with plastic collar wire end ferrules only with optimised diameter collar (order No. 1333100000, 500 pcs). |

ZPE 2.5N/3AN

2.5 mm²

3 connections



| | | | |
|-----------------|-----|----------|--|
| 5.1 x 56.5 x 39 | / 4 | 0.05...4 | |
|-----------------|-----|----------|--|

| IEC 60947-7-1 (-7-2) | | | |
|--|-------------|-------------|------------|
| IEC | UL | CSA | EN 60079-7 |
| 2.5 | AWG 30...12 | AWG 30...12 | 2.5 |
| 800 | | | |
| 6 | | | |
| | 3 | | |
| | A2 / V0 | | |
| | | | |
| Rated connection | | | |
| 0.5...4 / 1.5...2.5 | | | |
| 0.5...2.5 / 0.5...1.5 | | | |
| 10 / 0.6 x 3.5 mm | | | |
| 2.5 mm ² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. | | | |

| Type | Qty | Order No. |
|--------------|-----|------------|
| ZPE 2.5N/3AN | 50 | 1933770000 |

| Type | Width | Qty | Order No. |
|---------------------|--------|------|------------|
| ZAP/TW ZDU/ZPE 2.5N | 2 mm | 20 | 1933790000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA ZT2.5 | 5.1 mm | 25 | 1827080000 |
| ZTA ZT2.5/ZA | 5.1 mm | 25 | 1847600000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| ZRH 1.5H/1 | | 1000 | 1678810000 |
| ZRH 1.5H/2 | | 1000 | 1678800000 |

| Marking systems | For detailed information on other accessories and applications, refer to the „Accessories“ section |
|-------------------|---|
| DEK 5/5 / WS 10/5 | 2.5 mm ² conductors with plastic collar wire end ferrules only with optimised diameter collar (order No. 1333100000, 500 pcs). |

ZPE 2.5N/4AN

2.5 mm²

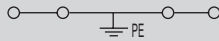
4 connections



5.1 x 60 x 39

/ 4

0.05...4



IEC 60947-7-1 (-7-2)

| IEC | UL | CSA | EN 60079-7 |
|-----|-------------|-------------|------------|
| 2.5 | AWG 30...12 | AWG 30...12 | 2.5 |
| 800 | | | |
| 6 | | | |
| | 3 | | |
| | A2 / V0 | | |



Rated connection

0.5...4 / 1.5...2.5

0.5...2.5 / 0.5...1.5

10 / 0.6 x 3.5 mm

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

| Type | Qty | Order No. |
|--------------|-----|-------------------|
| ZPE 2.5N/4AN | 50 | 1933780000 |

| Type | Width | Qty | Order No. |
|---------------------|--------|------|-------------------|
| ZAP/TW ZDU/ZPE 2.5N | 2 mm | 20 | 1933790000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA ZT2.5 | 5.1 mm | 25 | 1827080000 |
| ZTA ZT2.5/ZA | 5.1 mm | 25 | 1847600000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| ZRH 1.5H/1 | | 1000 | 1678810000 |
| ZRH 1.5H/2 | | 1000 | 1678800000 |

DEK 5/5 / WS 10/5

2.5 mm² conductors with plastic collar wire end ferrules only with optimised diameter collar (order No. 1333100000, 500 pcs).

Modular PE terminals

Compact style

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|-------------------|
| Width/Length/height with TS35x7.5 | mm |
| max. current / max. cond. cross-section | A/mm ² |
| Max. clamping range | mm ² |


Technical data

| Rated data | |
|--|-----------------|
| Rated cross-section | mm ² |
| Rated voltage to adjacent terminal | V |
| Rated impulse withstand voltage to adjacent terminal | kV |
| Pollution severity | |
| Gauge to IEC 60947-1 / UL94 Flammability class | |
| Approvals | |
| Clamped conductors (H05V/H07V) | |
| solid / stranded | mm ² |
| flexible / Stranded wire with end ferrules | mm ² |
| Stripping length / Blade size | mm/- |
| Note | |
| 2.5 mm ² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. | |

Ordering data

| Version | green/yellow Wemid |
|---------|--------------------|
| Note | |

Accessories

| Pluggable cross-connection | |
|---|--|
|  | 2-pole 3-pole 4-pole 10-pole 20-/24-pole |
| End plate / partition | |
| | Dark beige Wemid |
| End bracket | |
| | Dark beige Wemid |
| Test adapter | |
| | Standard With assembly peg |
| Screwdriver | |
| | Standard |
| Reducing sleeves | |
| | For conductors < 0,5 mm ² / AWG 20 For conductors < 1,0 mm ² / AWG 18 |
| Cover | |
| | With lightning flash symbol |

Marking systems (see assortment in catalogue 7)
Marking tags

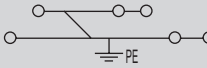
For detailed information on other accessories and applications, refer to the „Accessories“ section

ZDK 2.5/3AN PE

2.5 mm²

Double-level terminal



| | |
|-----------------|---|
| 5.1 x 93 x 51.5 |  |
| / 4 | |
| 0.05...4 | |

IEC 60947-7-1 (-7-2)

| IEC | UL | CSA | EN 60079-7 |
|-----|-------------|-------------|------------|
| 2.5 | AWG 30...12 | AWG 30...12 | 2.5 |
| 800 | | | |
| 8 | | | |
| | 3 | | |
| | A2 / V0 | | |



Rated connection

| |
|-----------------------|
| 0.5...4 / 0.5...2.5 |
| 0.5...2.5 / 0.5...2.5 |
| 10 / 0.6 x 3.5 mm |

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

| Type | Qty | Order No. |
|----------------|-----|-------------------|
| ZDK 2.5/3AN PE | 50 | 1924470000 |

| Type | Qty | Order No. |
|--------------------|-----------|-------------------|
| Width | | |
| ZAP/TW ZDK 2.5/3AN | 2 mm 20 | 1924910000 |
| ZEW 35/2 | 8 mm 20 | 8630740000 |
| ZTA ZT2.5 | 5.1 mm 25 | 1827080000 |
| ZTA ZT2.5/ZA | 5.1 mm 25 | 1847600000 |
| SD 0.6x3.5x100 | 1 | 9008330000 |
| ZRH 1.5H/1 | 1000 | 1678810000 |
| ZRH 1.5H/2 | 1000 | 1678800000 |

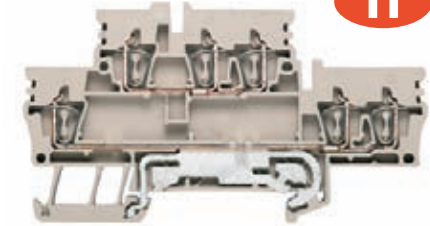
Snap Mark / DEK 5/5 / WS 10/5

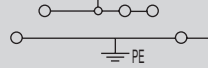
2.5 mm² conductors with plastic collar wire end ferrules only with optimised diameter collar (order No. 1333100000, 500 pcs).

ZDK 2.5/3AN DU-PE

2.5 mm²

Double-level terminal (DU-PE)



| | |
|-----------------|---|
| 5.1 x 93 x 51.5 |  |
| 31 / 4 | |
| 0.05...4 | |

IEC 60947-7-1 (-7-2)

| IEC | UL | CSA | EN 60079-7 |
|-----|-------------|-------------|------------|
| 2.5 | AWG 30...12 | AWG 30...12 | 2.5 |
| 800 | | | |
| 8 | | | |
| | 3 | | |
| | A2 / V0 | | |



Rated connection

| |
|-----------------------|
| 0.5...4 / 0.5...2.5 |
| 0.5...2.5 / 0.5...2.5 |
| 10 / 0.6 x 3.5 mm |

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

| Type | Qty | Order No. |
|-------------------|-----|-------------------|
| ZDK 2.5/3AN DU-PE | 50 | 1924460000 |

| Type | current | Qty | Order No. |
|--------------------|---------|------|-------------------|
| ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| Width | | | |
| ZAP/TW ZDK 2.5/3AN | 2 mm | 20 | 1924910000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA ZT2.5 | 5.1 mm | 25 | 1827080000 |
| ZTA ZT2.5/ZA | 5.1 mm | 25 | 1847600000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| ZRH 1.5H/1 | | 1000 | 1678810000 |
| ZRH 1.5H/2 | | 1000 | 1678800000 |
| ZAD 9/4 | | 20 | 1934160000 |

Snap Mark / DEK 5/5 / WS 10/5

2.5 mm² conductors with plastic collar wire end ferrules only with optimised diameter collar (order No. 1333100000, 500 pcs).

Double / Multilevel terminals

Standard form

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|-------------------|
| Width/Length/height with TS35x7.5 | mm |
| max. current / max. cond. cross-section | A/mm ² |
| Max. clamping range | mm ² |

Technical data

| Rated data | |
|--|-----------------|
| Rated voltage | V |
| Rated current | A |
| Rated cross-section | mm ² |
| Rated impulse voltage / Pollution severity | kV/- |
| Gauge to IEC 60947-1 / UL94 Flammability class | |
| Approvals | |
| Clamped conductors (H05V/H07V) | |
| solid / stranded | mm ² |
| flexible / Stranded wire with end ferrules | mm ² |
| Stripping length / Blade size | mm/- |
| Note | |

Ordering data

| Version | |
|---------|------------------|
| | Dark beige Wemid |
| | Blue Wemid |
| Note | |

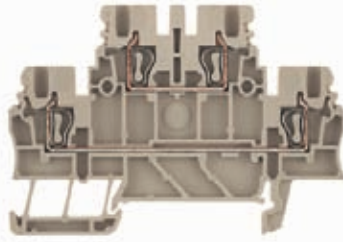
Accessories

| Pluggable cross-connection | |
|--|---|
| | 2-pole |
| | 3-pole |
| | 4-pole |
| | 10-pole |
| | 20-/24-pole |
| End plate / partition | |
| | Dark beige Wemid |
| | Blue Wemid |
| End bracket | |
| | Dark beige Wemid |
| Test adapter | |
| | Standard |
| | With assembly peg |
| Screwdriver | |
| | Standard |
| | with „swiftly set“ cutting device |
| Reducing sleeves | |
| | For conductors < 0,5 mm ² / AWG 20 |
| | For conductors < 1,0 mm ² / AWG 18 |
| Cover | |
| | With lightning flash symbol |
| Marking systems | |
| | (see assortment in catalogue 7) |
| | Marking tags |
| For detailed information on other accessories and applications, refer to the „Accessories“ section | |

ZDK 1.5

1.5 mm²

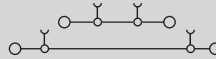
Double level terminals



3.5 x 75.5 x 50

17.5 / 1.5

0.05...1.5



IEC 60947-7-1

| IEC | UL | CSA |
|----------|-------------|-------------|
| 500 | 300 | 300 |
| 17.5 | 10 | 10 |
| 1.5 | AWG 30...16 | AWG 28...16 |
| 6 / 3 | | |
| B1 / V-0 | | |



Rated connection

| |
|-----------------------|
| 0.5...1.5 |
| 0.5...1.5 / 0.5...1.5 |
| 10 / 0.4 x 2.0 mm |

| Type | Qty | Order No. |
|------------|-----|------------|
| ZDK 1.5 | 100 | 1791100000 |
| ZDK 1.5 BL | 100 | 1791110000 |

| Type | current | Qty | Order No. |
|------------|---------|-----|------------|
| ZQV 1.5/2 | 17.5 A | 60 | 1776120000 |
| ZQV 1.5/3 | 17.5 A | 60 | 1776130000 |
| ZQV 1.5/4 | 17.5 A | 60 | 1776140000 |
| ZQV 1.5/10 | 17.5 A | 20 | 1776200000 |

| | Width | | |
|------------------|-------|----|------------|
| ZAP/TW ZDK1.5 | 2 mm | 20 | 1791160000 |
| ZAP/TW ZDK1.5 BL | 2 mm | 20 | 1791170000 |

| | | | |
|----------|--------|----|------------|
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 5 | 3.5 mm | 25 | 1776210000 |
| ZTA 5/ZA | 3.5 mm | 25 | 1776220000 |

| | | | |
|---------------|--|---|------------|
| SD 0.4x2.0x60 | | 1 | 9037160000 |
|---------------|--|---|------------|

| | | | |
|------------|--|-----|------------|
| ZRH 1.5S/1 | | 500 | 1781950000 |
| ZRH 1.5S/2 | | 500 | 1781960000 |

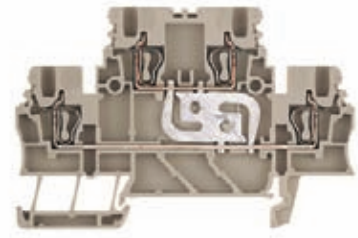
| | | | |
|---------|--|----|------------|
| ZAD 7/4 | | 20 | 1781940000 |
|---------|--|----|------------|

DEK 5/3,5 / WS 10/3,5

ZDK 1.5V

1.5 mm²

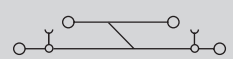
Vertically cross-connected double level terminal



3.5 x 75.5 x 50

17.5 / 1.5

0.05...1.5



IEC 60947-7-1

| IEC | UL | CSA |
|----------|-------------|-------------|
| 500 | 300 | 300 |
| 17.5 | 10 | 10 |
| 1.5 | AWG 30...16 | AWG 28...16 |
| 6 / 3 | | |
| B1 / V-0 | | |



Rated connection

| |
|-----------------------|
| 0.5...1.5 |
| 0.5...1.5 / 0.5...1.5 |
| 10 / 0.4 x 2.0 mm |

| Type | Qty | Order No. |
|-------------|-----|------------|
| ZDK 1.5V | 100 | 1791130000 |
| ZDK 1.5V BL | 100 | 1791140000 |

| Type | current | Qty | Order No. |
|------------|---------|-----|------------|
| ZQV 1.5/2 | 17.5 A | 60 | 1776120000 |
| ZQV 1.5/3 | 17.5 A | 60 | 1776130000 |
| ZQV 1.5/4 | 17.5 A | 60 | 1776140000 |
| ZQV 1.5/10 | 17.5 A | 20 | 1776200000 |

| | Width | | |
|------------------|-------|----|------------|
| ZAP/TW ZDK1.5 | 2 mm | 20 | 1791160000 |
| ZAP/TW ZDK1.5 BL | 2 mm | 20 | 1791170000 |

| | | | |
|----------|--------|----|------------|
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 5 | 3.5 mm | 25 | 1776210000 |
| ZTA 5/ZA | 3.5 mm | 25 | 1776220000 |

| | | | |
|---------------|--|---|------------|
| SD 0.4x2.0x60 | | 1 | 9037160000 |
|---------------|--|---|------------|

| | | | |
|------------|--|-----|------------|
| ZRH 1.5S/1 | | 500 | 1781950000 |
| ZRH 1.5S/2 | | 500 | 1781960000 |

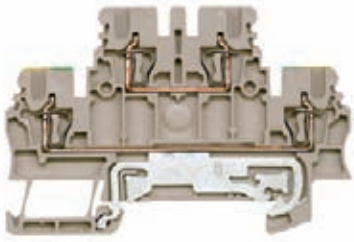
| | | | |
|---------|--|----|------------|
| ZAD 7/4 | | 20 | 1781940000 |
|---------|--|----|------------|

DEK 5/3,5 / WS 10/3,5

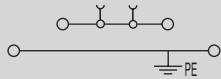
ZDK 1.5 DU-PE

1.5 mm²

Double level terminals (DU - PE)



3.5 x 75.5 x 50
17.5 / 1.5
0.05...1.5



IEC 60947-7-1 (-7-2)

| IEC | UL | CSA |
|----------|-------------|-------------|
| 500 | 300 | 300 |
| 17.5 | 10 | 10 |
| 1.5 | AWG 30...16 | AWG 28...16 |
| 6 / 3 | | |
| B1 / V-0 | | |



Rated connection

0.5...1.5
 0.5...1.5 / 0.5...1.5
 10 / 0.4 x 2.0 mm

| Type | Qty | Order No. |
|--------------|-----|-------------------|
| ZDK 1.5DU-PE | 100 | 1791120000 |

Upper level: feed-through terminal
 Lower level: PE terminal

| Type | current | Qty | Order No. |
|------------------|---------|-----|-------------------|
| ZQV 1.5/2 | 17.5 A | 60 | 1776120000 |
| ZQV 1.5/3 | 17.5 A | 60 | 1776130000 |
| ZQV 1.5/4 | 17.5 A | 60 | 1776140000 |
| ZQV 1.5/10 | 17.5 A | 20 | 1776200000 |
| Width | | | |
| ZAP/TW ZDK1.5 | 2 mm | 20 | 1791160000 |
| ZAP/TW ZDK1.5 BL | 2 mm | 20 | 1791170000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 5 | 3.5 mm | 25 | 1776210000 |
| ZTA 5/ZA | 3.5 mm | 25 | 1776220000 |
| SD 0.4x2.0x60 | | 1 | 9037160000 |
| ZRH 1.5S/1 | | 500 | 1781950000 |
| ZRH 1.5S/2 | | 500 | 1781960000 |
| ZAD 7/4 | | 20 | 1781940000 |

DEK 5/3,5 / WS 10/3,5

Double / Multilevel terminals

Standard form

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|-------------------|
| Width/Length/height with TS35x7.5 | mm |
| max. current / max. cond. cross-section | A/mm ² |
| Max. clamping range | mm ² |


Technical data

| Rated data | |
|--|-----------------|
| Rated voltage | V |
| Rated current | A |
| Rated cross-section | mm ² |
| Rated impulse voltage / Pollution severity | kV/- |
| Gauge to IEC 60947-1 / UL94 Flammability class | |
| Approvals | |
| Clamped conductors (H05V/H07V) | |
| solid / stranded | mm ² |
| flexible / Stranded wire with end ferrules | mm ² |
| Stripping length / Blade size | mm/- |
| Note | |

Ordering data

| Version | |
|---------|------------------|
| | Dark beige Wemid |
| | Blue Wemid |
| Note | |

Accessories

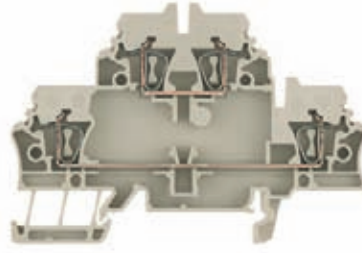
| Pluggable cross-connection | |
|---|---|
|  | 2-pole |
| | 3-pole |
| | 4-pole |
| | 10-pole |
| | 20-/24-pole |
| End plate / partition | |
| | Dark beige Wemid |
| | Blue Wemid |
| End bracket | |
| | Dark beige Wemid |
| Test adapter | |
| | Standard |
| | With assembly peg |
| Screwdriver | |
| | Standard |
| | with „swiftly set“ cutting device |
| Reducing sleeves | |
| | For conductors < 0,5 mm ² / AWG 20 |
| | For conductors < 1,0 mm ² / AWG 18 |

| Marking systems | |
|--|---------------------------------|
| | (see assortment in catalogue 7) |
| | Marking tags |
| For detailed information on other accessories and applications, refer to the „Accessories“ section | |



ZDK 2.5

2.5 mm²

Double level terminals



| | |
|-------------------|--|
| 5.1 x 79.5 x 54 | |
| 20 / 2.5 | |
| 0.05...2.5 | |

| IEC 60947-7-1 | | | | Ex e ll  II 2 G D | | | |
|--|-------------|-------------|------------|--|-------------|-------------|------------|
| IEC | UL | CSA | EN 60079-7 | IEC | UL | CSA | EN 60079-7 |
| 500 | 300 | 300 | 275 | 500 | 300 | 300 | 275 |
| 20 | 10 | 10 | 18 | 20 | 10 | 10 | 20 |
| 2.5 | AWG 30...12 | AWG 26...12 | 2.5 | 2.5 | AWG 30...12 | AWG 26...12 | 2.5 |
| | | | | 6 / 3 | | | |
| | | | | A2 / V-0 | | | |
|  | | | | KEMA 97ATEX4677 U | | | |
| Rated connection | | | | | | | |
| 0.5...2.5 | | | | | | | |
| 0.5...2.5 / 0.5...2.5 | | | | | | | |
| 10 / 0.6 x 3.5 mm | | | | | | | |
| 2.5 mm ² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. | | | | | | | |

| Type | Qty | Order No. |
|--|-----|-------------------|
| ZDK 2.5 | 50 | 1674300000 |
| ZDK 2.5 BL | 50 | 1678630000 |
| Component plug ZBS 1(1764540000) and ZBS 1 for LED (1764550000) can be used. | | |

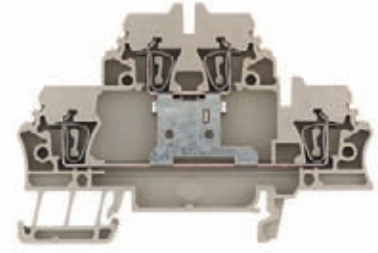
| Type | current | Qty | Order No. |
|------------------|---------|------|-------------------|
| ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| Width | | | |
| ZAP/TW ZDK2.5 | 1.5 mm | 20 | 1674730000 |
| ZAP/TW ZDK2.5 BL | 1.5 mm | 20 | 1748800000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 4 | 5.1 mm | 25 | 1688110000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| ZRH 1.5H/1 | | 1000 | 1678810000 |
| ZRH 1.5H/2 | | 1000 | 1678800000 |

| Marking systems | |
|-----------------|--|
| | DEK 5/5 / WS 12/5 |
| | ZVQ 2.5/15 (1720700000) connects two current bars one above the other. |



ZDK 2.5 V

2.5 mm²

Vertically cross-connected double level terminal



| | |
|-------------------|--|
| 5.1 x 79.5 x 54 | |
| 24 / 2.5 | |
| 0.05...2.5 | |

| IEC 60947-7-1 | | | | Ex e ll  II 2 G D | | | |
|--|-------------|-------------|------------|--|-------------|-------------|------------|
| IEC | UL | CSA | EN 60079-7 | IEC | UL | CSA | EN 60079-7 |
| 500 | 300 | 300 | 275 | 500 | 300 | 300 | 275 |
| 20 | 10 | 10 | 20 | 20 | 10 | 10 | 20 |
| 2.5 | AWG 30...12 | AWG 26...12 | 2.5 | 2.5 | AWG 30...12 | AWG 26...12 | 2.5 |
| | | | | 6 / 3 | | | |
| | | | | A2 / V-0 | | | |
|  | | | | KEMA 97ATEX4677 U | | | |
| Rated connection | | | | | | | |
| 0.5...2.5 | | | | | | | |
| 0.5...2.5 / 0.5...2.5 | | | | | | | |
| 10 / 0.6 x 3.5 mm | | | | | | | |
| 2.5 mm ² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. | | | | | | | |

| Type | Qty | Order No. |
|-------------|-----|-------------------|
| ZDK 2.5V | 50 | 1689990000 |
| ZDK 2.5V BL | 50 | 1745880000 |

| Type | current | Qty | Order No. |
|------------------|---------|------|-------------------|
| ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| Width | | | |
| ZAP/TW ZDK2.5 | 1.5 mm | 20 | 1674730000 |
| ZAP/TW ZDK2.5 BL | 1.5 mm | 20 | 1748800000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 4 | 5.1 mm | 25 | 1688110000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| ZRH 1.5H/1 | | 1000 | 1678810000 |
| ZRH 1.5H/2 | | 1000 | 1678800000 |

| Marking systems | |
|-----------------|-------------------|
| | DEK 5/5 / WS 10/5 |

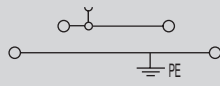
ZDK 2.5 DU-PE

2.5 mm²

Phase - PE conductor



5.1 x 79.5 x 54
20 / 2.5
0.05...2.5



IEC 60947-7-1 (-7-2) Ex e II **Ex** II 2 G D

| IEC | UL | CSA | EN 60079-7 |
|----------|-------------|-------------|------------|
| 500 | 300 | 300 | 275 |
| 24 | 10 | 10 | 20 |
| 2.5 | AWG 30...12 | AWG 26...12 | 2.5 |
| 6 / 3 | | | |
| A2 / V-0 | | | |

CE **UL** **CSA** **UL** KEMA 97ATEX4677 U

Rated connection

0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

| Type | Qty | Order No. |
|--------------|-----|------------|
| ZDK 2.5DU-PE | 50 | 1689970000 |

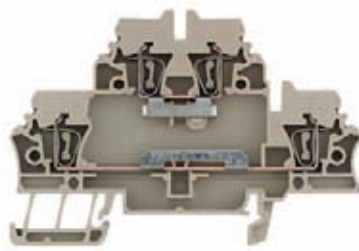
| Type | current | Qty | Order No. |
|------------------|---------|------|------------|
| ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| Width | | | |
| ZAP/TW ZDK2.5 | 1.5 mm | 20 | 1674730000 |
| ZAP/TW ZDK2.5 BL | 1.5 mm | 20 | 1748800000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 4 | 5.1 mm | 25 | 1688110000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| ZRH 1.5H/1 | | 1000 | 1678810000 |
| ZRH 1.5H/2 | | 1000 | 1678800000 |

DEK 5/5 / WS 12/5

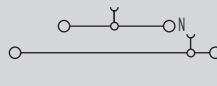
ZDK 2.5 N-DU

2.5 mm²

Neutral conductor - phase



5.1 x 79.5 x 54
20 / 2.5
0.05...2.5



IEC 60947-7-1 Ex e II **Ex** II 2 G D

| IEC | UL | CSA | EN 60079-7 |
|----------|-------------|-------------|------------|
| 500 | 300 | 300 | 275 |
| 20 | 10 | 10 | 20 |
| 2.5 | AWG 30...12 | AWG 26...12 | 2.5 |
| 6 / 3 | | | |
| A2 / V-0 | | | |

CE **UL** **CSA** **UL** KEMA 97ATEX4677 U

Rated connection

0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

| Type | Qty | Order No. |
|-------------|-----|------------|
| ZDK 2.5N-DU | 50 | 1689960000 |

| Type | current | Qty | Order No. |
|------------------|---------|------|------------|
| ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| Width | | | |
| ZAP/TW ZDK2.5 | 1.5 mm | 20 | 1674730000 |
| ZAP/TW ZDK2.5 BL | 1.5 mm | 20 | 1748800000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 4 | 5.1 mm | 25 | 1688110000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| ZRH 1.5H/1 | | 1000 | 1678810000 |
| ZRH 1.5H/2 | | 1000 | 1678800000 |

DEK 5/5 / WS 12/5

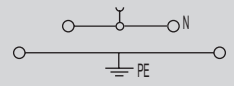
ZDK 2.5 N-PE

2.5 mm²

Neutral & PE conductor



5.1 x 79.5 x 54
20 / 2.5
0.05...2.5



IEC 60947-7-1 (-7-2) Ex e II **Ex** II 2 G D

| IEC | UL | CSA | EN 60079-7 |
|----------|-------------|-------------|------------|
| 500 | 300 | 300 | 275 |
| 20 | 10 | 10 | 20 |
| 2.5 | AWG 30...12 | AWG 26...12 | 2.5 |
| 6 / 3 | | | |
| A2 / V-0 | | | |

CE **UL** **CSA** **UL** KEMA 97ATEX4677 U

Rated connection

0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

| Type | Qty | Order No. |
|-------------|-----|------------|
| ZDK 2.5N-PE | 50 | 1689980000 |

| Type | current | Qty | Order No. |
|------------------|---------|------|------------|
| ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| Width | | | |
| ZAP/TW ZDK2.5 | 1.5 mm | 20 | 1674730000 |
| ZAP/TW ZDK2.5 BL | 1.5 mm | 20 | 1748800000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 4 | 5.1 mm | 25 | 1688110000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| ZRH 1.5H/1 | | 1000 | 1678810000 |
| ZRH 1.5H/2 | | 1000 | 1678800000 |

DEK 5/5 / WS 12/5

Double / Multilevel terminals

Standard form

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|-------------------|
| Width/Length/height with TS35x7.5 | mm |
| max. current / max. cond. cross-section | A/mm ² |
| Max. clamping range | mm ² |


Technical data

| Rated data | |
|--|-----------------|
| Rated voltage | V |
| Rated current | A |
| Rated cross-section | mm ² |
| Rated impulse voltage / Pollution severity | kV/- |
| Gauge to IEC 60947-1 / UL94 Flammability class | |
| Approvals | |
| Clamped conductors (H05V/H07V) | |
| solid / stranded | mm ² |
| flexible / Stranded wire with end ferrules | mm ² |
| Stripping length / Blade size | mm/- |
| Note | |

Ordering data

| Version | |
|---------|------------------|
| | Dark beige Wemid |
| | Blue Wemid |
| Note | |

Accessories

| Pluggable cross-connection | |
|---|---|
|  | 2-pole |
| | 3-pole |
| | 4-pole |
| | 10-pole |
| | 20-/24-pole |
| End plate / partition | |
| | Dark beige Wemid |
| | Blue Wemid |
| End bracket | |
| | Dark beige Wemid |
| Test adapter | |
| | Standard |
| | With assembly peg |
| Screwdriver | |
| | Standard |
| | with „swiftly set“ cutting device |
| Reducing sleeves | |
| | For conductors < 0,5 mm ² / AWG 20 |
| | For conductors < 1,0 mm ² / AWG 18 |

Marking systems (see assortment in catalogue 7)
Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

ZDLD 2.5-2 N


2.5 mm²

Three levels



| | |
|-------------------|---|
| 5.1 x 110.5 x 70 |  |
| 20 / 2.5 | |
| 0.13...2.5 | |

IEC 60947-7-1

| IEC | UL | CSA |
|--|-------------|-------------|
| 500 | 300 | 300 |
| 20 | 15 | 15 |
| 2.5 | AWG 26...12 | AWG 26...12 |
| 6 / 3 | | |
| A2 / V-0 | | |
|  | | |
| Rated connection | | |
| 0.5...2.5 | | |
| 0.5...2.5 / 0.5...2.5 | | |
| 10 / 0.6 x 3.5 mm | | |
| 2.5 mm ² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. | | |

| Type | Qty | Order No. |
|----------------|-----|-------------------|
| ZDLD 2.5-2N | 50 | 1782300000 |
| ZDLD 2.5-2N BL | 50 | 1782310000 |

| Type | current | Qty | Order No. |
|----------------------|---------|------|-------------------|
| ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| Width | | | |
| ZAP/TW ZDLD2.5-2N | 1.5 mm | 20 | 1782340000 |
| ZAP/TW ZDLD2.5-2N BL | 1.5 mm | 20 | 1782350000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 4 | 5.1 mm | 25 | 1688110000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| SWIFTY SET | | 1 | 9006060000 |
| ZRH 1.5H/1 | | 1000 | 1678810000 |
| ZRH 1.5H/2 | | 1000 | 1678800000 |

DEK 5/5 / WS 12/5
ZVQ 2.5/15 (1720700000) connects two current bars one above the other.

ZDLD 2.5-2 VN


2.5 mm²

Vertically cross-connected multilevel terminal



| | |
|-------------------|---|
| 5.1 x 110.5 x 70 |  |
| 20 / 2.5 | |
| 0.13...2.5 | |

IEC 60947-7-1

| IEC | UL | CSA |
|--|-------------|-------------|
| 400 | 300 | 300 |
| 20 | 15 | 15 |
| 2.5 | AWG 26...12 | AWG 26...12 |
| 6 / 3 | | |
| A2 / V-0 | | |
|  | | |
| Rated connection | | |
| 0.5...2.5 | | |
| 0.5...2.5 / 0.5...2.5 | | |
| 10 / 0.6 x 3.5 mm | | |
| 2.5 mm ² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. | | |

| Type | Qty | Order No. |
|-----------------|-----|-------------------|
| ZDLD 2.5-2VN | 25 | 1782320000 |
| ZDLD 2.5-2VN BL | 25 | 1782330000 |

| Type | current | Qty | Order No. |
|----------------------|---------|------|-------------------|
| ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| Width | | | |
| ZAP/TW ZDLD2.5-2N | 1.5 mm | 20 | 1782340000 |
| ZAP/TW ZDLD2.5-2N BL | 1.5 mm | 20 | 1782350000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 4 | 5.1 mm | 25 | 1688110000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| ZRH 1.5H/1 | | 1000 | 1678810000 |
| ZRH 1.5H/2 | | 1000 | 1678800000 |

DEK 5/5 / WS 12/5

Standard form

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|-------------------|
| Width/Length/height with TS35x7.5 | mm |
| max. current / max. cond. cross-section | A/mm ² |
| Max. clamping range | mm ² |


Technical data

| Rated data | |
|--|-----------------|
| Rated voltage | V |
| Rated current | A |
| Rated cross-section | mm ² |
| Rated impulse voltage / Pollution severity | kV/- |
| Gauge to IEC 60947-1 / UL94 Flammability class | |
| Approvals | |
| Clamped conductors (H05V/H07V) | |
| solid / stranded | mm ² |
| flexible / Stranded wire with end ferrules | mm ² |
| Stripping length / Blade size | mm/- |
| Note | |

Ordering data

| Version | |
|---------|------------------|
| | Dark beige Wemid |
| | Blue Wemid |
| Note | |

Accessories

| Pluggable cross-connection | |
|---|---|
|  | 2-pole |
| | 3-pole |
| | 4-pole |
| | 10-pole |
| | 20-/24-pole |
| End plate / partition | |
| | Dark beige Wemid |
| | Blue Wemid |
| End bracket | |
| | Dark beige Wemid |
| Test adapter | |
| | Standard |
| | With assembly peg |
| Screwdriver | |
| | Standard |
| | with „swiftly set“ cutting device |
| Reducing sleeves | |
| | For conductors < 0,5 mm ² / AWG 20 |
| | For conductors < 1,0 mm ² / AWG 18 |

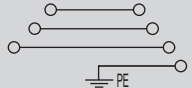
| Marking systems | |
|--|---------------------------------|
| | (see assortment in catalogue 7) |
| | Marking tags |
| For detailed information on other accessories and applications, refer to the „Accessories“ section | |

ZMAK 2.5

2.5 mm²

Motor-supply terminal



| | |
|-----------------|---|
| 5.1 x 102 x 70 |  |
| 31 / 4 | |
| 0.13...4 | |

IEC 60947-7-1 (-7-2)

| IEC | UL | CSA |
|----------|-------------|-------------|
| 400 | 300 | 300 |
| 24 | 25 | 25 |
| 2.5 | AWG 26...12 | AWG 26...12 |
| 6 / 3 | | |
| A3 / V-0 | | |



| Rated connection | |
|------------------|---------------------|
| | 0.5...4 |
| | 0.5...4 / 0.5...2.5 |
| | 10 / 0.6 x 3.5 mm |

| Type | Qty | Order No. |
|----------------|--------|----------------------|
| ZMAK 2.5 | 25 | 1768000000 |
| Width | | |
| ZAP ZMAK2.5 | 1.5 mm | 10 1768010000 |
| ZEW 35 | 6 mm | 20 9540000000 |
| SD 0.6x3.5x100 | 1 | 9008330000 |
| ZRH 1.5H/1 | 1000 | 1678810000 |
| ZRH 1.5H/2 | 1000 | 1678800000 |

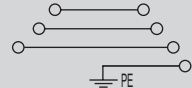
| |
|-------------------|
| DEK 5/5 / WS 12/5 |
|-------------------|

ZMAK 2.5 690 V

2.5 mm²

Motor-supply terminal



| | |
|-----------------|---|
| 5.1 x 102 x 70 |  |
| 31 / 4 | |
| 0.13...4 | |

IEC 60947-7-1 (-7-2)

| IEC | UL | CSA |
|----------|-------------|-------------|
| 400 | 300 | 300 |
| 24 | 25 | 25 |
| 2.5 | AWG 26...12 | AWG 26...12 |
| 6 / 3 | | |
| A3 / V-0 | | |



| Rated connection | |
|------------------|---------------------|
| | 0.5...4 |
| | 0.5...4 / 0.5...2.5 |
| | 10 / 0.6 x 3.5 mm |

| Type | Qty | Order No. |
|---|-----|-------------------|
| ZMAK 2.5 690 V | 25 | 1027550000 |
| With pre-assembled end plate and a width of 6.1 mm! | | |

| Type | Qty | Order No. |
|----------------|------|----------------------|
| ZEW 35 | 6 mm | 20 9540000000 |
| SD 0.6x3.5x100 | 1 | 9008330000 |
| ZRH 1.5H/1 | 1000 | 1678810000 |
| ZRH 1.5H/2 | 1000 | 1678800000 |

| |
|-------------------|
| DEK 5/5 / WS 12/5 |
|-------------------|

Double / Multilevel terminals

Standard form

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|-------------------|
| Width/Length/height with TS35x7.5 | mm |
| max. current / max. cond. cross-section | A/mm ² |
| Max. clamping range | mm ² |

Technical data

| Rated data | |
|--|-----------------|
| Rated cross-section | mm ² |
| Rated voltage to adjacent terminal | V |
| Rated impulse withstand voltage to adjacent terminal | kV |
| Pollution severity | |
| Gauge to IEC 60947-1 / UL94 Flammability class | |
| Approvals | |
| Clamped conductors (H05V/H07V) | |
| solid / stranded | mm ² |
| flexible / Stranded wire with end ferrules | mm ² |
| Stripping length / Blade size | mm/- |
| Note | |

Ordering data

| Version | |
|-------------|--------------------|
| | green/yellow Wemid |
| Note | |

Accessories

| End plate / partition | |
|-----------------------|---|
| | Dark beige Wemid |
| End bracket | |
| | Dark beige Wemid |
| Test adapter | |
| | Standard |
| | With assembly peg |
| Screwdriver | |
| | Standard |
| Reducing sleeves | |
| | For conductors < 0,5 mm ² / AWG 20 |
| | For conductors < 1,0 mm ² / AWG 18 |

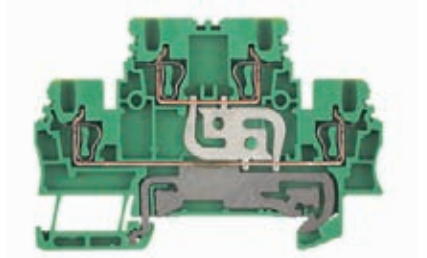
Marking systems (see assortment in catalogue 7)
Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

ZDK 1.5 PE

1.5 mm²

Double level terminals



| | |
|-----------------|--|
| 3.5 x 75.5 x 50 | |
| / 1.5 | |
| 0.05...1.5 | |

IEC 60947-7-2 Ex e ll II 2 G D

| IEC | UL | CSA | EN 60079-7 |
|-----|-------------|-------------|------------|
| 1.5 | AWG 30...16 | AWG 26...16 | 1.5 |
| 500 | | | |
| 6 | | | |
| | 3 | | |
| | B1 / V-0 | | |

KEMA 01ATEX2106 U

| Rated connection | |
|-----------------------|--|
| 0.5...1.5 | |
| 0.5...1.5 / 0.5...1.5 | |
| 10 / 0.4 x 2.0 mm | |

| Type | Qty | Order No. |
|-----------|-----|------------|
| ZDK 1.5PE | 100 | 1791150000 |

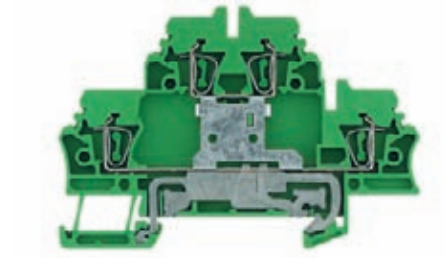
| Type | Width | Qty | Order No. |
|---------------|--------|-----|------------|
| ZAP/TW ZDK1.5 | 2 mm | 20 | 1791160000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 5 | 3.5 mm | 25 | 1776210000 |
| ZTA 5/ZA | 3.5 mm | 25 | 1776220000 |
| SD 0.4x2.0x60 | | 1 | 9037160000 |
| ZRH 1.5S/1 | | 500 | 1781950000 |
| ZRH 1.5S/2 | | 500 | 1781960000 |

DEK 5/3,5 / WS 10/3,5

ZDK 2.5 PE

2.5 mm²

Vertically cross-connected



| | |
|-----------------|--|
| 5.1 x 79.5 x 54 | |
| / 2.5 | |
| 0.05...2.5 | |

IEC 60947-7-2 Ex e ll II 2 G D

| IEC | UL | CSA | EN 60079-7 |
|-----|-------------|-------------|------------|
| 2.5 | AWG 30...12 | AWG 26...12 | 2.5 |
| 500 | | | |
| 6 | | | |
| | 3 | | |
| | A2 / V-0 | | |

KEMA 97ATEX4677 U

| Rated connection | |
|-----------------------|--|
| 0.5...2.5 | |
| 0.5...2.5 / 0.5...2.5 | |
| 10 / 0.6 x 3.5 mm | |

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

| Type | Qty | Order No. |
|-----------|-----|------------|
| ZDK 2,5PE | 50 | 1690000000 |

| Type | Width | Qty | Order No. |
|----------------|--------|------|------------|
| ZAP/TW ZDK2.5 | 1.5 mm | 20 | 1674730000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 4 | 5.1 mm | 25 | 1688110000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| ZRH 1.5H/1 | | 1000 | 1678810000 |
| ZRH 1.5H/2 | | 1000 | 1678800000 |

DEK 5/5 / WS 12/5

Double / Multilevel terminals

Roof-style

The compact terminal range for conductor cross-sections 0.13 to 16 mm²

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|-------------------|
| Width/Length/height with TS35x7.5 | mm |
| max. current / max. cond. cross-section | A/mm ² |
| Max. clamping range | mm ² |



Technical data

| Rated data | |
|--|-----------------|
| Rated voltage | V |
| Rated current | A |
| Rated cross-section | mm ² |
| Rated impulse voltage / Pollution severity | kV/- |
| Gauge to IEC 60947-1 / UL94 Flammability class | |
| Approvals | |
| Clamped conductors (H05V/H07V) | |
| solid / stranded | mm ² |
| flexible / Stranded wire with end ferrules | mm ² |
| Stripping length / Blade size | mm/- |
| Note | |

Ordering data

| Version | |
|---------|------------------|
| | Dark beige Wemid |
| | Blue Wemid |
| Note | |

Accessories

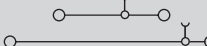
| Pluggable cross-connection | |
|--|---|
|  | 2-pole |
| | 3-pole |
| | 4-pole |
| | 10-pole |
| | 20-/24-pole |
| End plate / partition | |
| | Dark beige Wemid |
| | Blue Wemid |
| End bracket | |
| | Dark beige Wemid |
| Test adapter | |
| | With assembly peg |
| Screwdriver | |
| | Standard |
| | with „swifty set“ cutting device |
| Reducing sleeves | |
| | For conductors < 0,5 mm ² / AWG 20 |
| | For conductors < 1,0 mm ² / AWG 18 |
| Cover | |
|  | With lightning flash symbol |
| Marking systems | |
| | (see assortment in catalogue 7) |
| | Marking tags |
| For detailed information on other accessories and applications, refer to the „Accessories“ section | |

ZDK 2.5-2


2.5 mm²

Double level terminals



| | |
|-------------------|---|
| 5.1 x 72.5 x 55.5 |  |
| 24 / 4 | |
| 0.05...4 | |

IEC 60947-7-1

| IEC | UL | CSA |
|--|-------------|-------------|
| 800 | 600 | 600 |
| 24 | 20 | 25 |
| 2.5 | AWG 30...12 | AWG 30...12 |
| 8 / 3 | | |
| A2 / V-0 | | |
|  | | |
| Rated connection | | |
| 0.5...4 | | |
| 0.5...2.5 / 0.5...2.5 | | |
| 10 / 0.6 x 3.5 mm | | |
| 2.5 mm ² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. | | |

| Type | Qty | Order No. |
|--|-----|-------------------|
| ZDK 2.5-2 | 50 | 1790990000 |
| ZDK 2.5-2 BL | 50 | 1791000000 |
| The rated voltage is reduced to 400 V when using the cross-connection. | | |

| Type | current | Qty | Order No. |
|--------------------|---------|------|-------------------|
| ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| Width | | | |
| ZAP/TW ZDK2.5-2 | 2 mm | 20 | 1791050000 |
| ZAP/TW ZDK2.5-2 BL | 2 mm | 20 | 1791060000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 4 | 5.1 mm | 25 | 1688110000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| ZRH 1.5H/1 | | 1000 | 1678810000 |
| ZRH 1.5H/2 | | 1000 | 1678800000 |
| ZAD 1/4-2 GE | | 20 | 1764560000 |

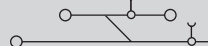
| |
|---|
| DEK 5/5 / WS 10/5 |
| ZDK 2.5-2/LD 24VUC order No. 1905310000 |

ZDK 2.5-2V


2.5 mm²

Vertically cross-connected double level terminal



| | |
|-------------------|---|
| 5.1 x 72.5 x 55.5 |  |
| 24 / 4 | |
| 0.05...4 | |

IEC 60947-7-1

| IEC | UL | CSA |
|--|-------------|-------------|
| 800 | 600 | 600 |
| 24 | 20 | 20 |
| 2.5 | AWG 30...12 | AWG 30...12 |
| 8 / 3 | | |
| A2 / V-0 | | |
|  | | |
| Rated connection | | |
| 0.5...4 | | |
| 0.5...2.5 / 0.5...2.5 | | |
| 10 / 0.6 x 3.5 mm | | |
| 2.5 mm ² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. | | |

| Type | Qty | Order No. |
|--|-----|-------------------|
| ZDK 2.5-2V | 50 | 1791030000 |
| ZDK 2.5-2V BL | 50 | 1791040000 |
| The rated voltage is reduced to 400 V when using the cross-connection. | | |

| Type | current | Qty | Order No. |
|--------------------|---------|------|-------------------|
| ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| Width | | | |
| ZAP/TW ZDK2.5-2 | 2 mm | 20 | 1791050000 |
| ZAP/TW ZDK2.5-2 BL | 2 mm | 20 | 1791060000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 4 | 5.1 mm | 25 | 1688110000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| ZRH 1.5H/1 | | 1000 | 1678810000 |
| ZRH 1.5H/2 | | 1000 | 1678800000 |
| ZAD 1/4-2 GE | | 20 | 1764560000 |

| |
|-------------------|
| DEK 5/5 / WS 10/5 |
|-------------------|

Roof-style

The compact terminal range for conductor cross-sections 0.13 to 16 mm²

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|-------------------|
| Width/Length/height with TS35x7.5 | mm |
| max. current / max. cond. cross-section | A/mm ² |
| Max. clamping range | mm ² |



Technical data

| Rated data | |
|--|-----------------|
| Rated voltage | V |
| Rated current | A |
| Rated cross-section | mm ² |
| Rated impulse voltage / Pollution severity | kV/- |
| Gauge to IEC 60947-1 / UL94 Flammability class | |
| Approvals | |
| Clamped conductors (H05V/H07V) | |
| solid / stranded | mm ² |
| flexible / Stranded wire with end ferrules | mm ² |
| Stripping length / Blade size | mm/- |
| Note | |

Ordering data

| Version | |
|---------|------------------|
| | Dark beige Wemid |
| | Blue Wemid |
| Note | |

Accessories


| Pluggable cross-connection | |
|--|---|
|  | 2-pole |
| | 3-pole |
| | 4-pole |
| | 10-pole |
| | 20-/24-pole |
| End plate / partition | |
| | Dark beige Wemid |
| | Blue Wemid |
| End bracket | |
| | Dark beige Wemid |
| Test adapter | |
| | With assembly peg |
| Screwdriver | |
| | Standard |
| | with „swifty set“ cutting device |
| Reducing sleeves | |
| | For conductors < 0,5 mm ² / AWG 20 |
| | For conductors < 1,0 mm ² / AWG 18 |
| Cover | |
|  | With lightning flash symbol |
| Marking systems | |
| | (see assortment in catalogue 7) |
| | Marking tags |
| For detailed information on other accessories and applications, refer to the „Accessories“ section | |

ZDKPE 2.5-2

2.5 mm²

Double level terminals with PE connection on one side



| | |
|-------------------|---|
| 5.1 x 89.5 x 55.5 |  |
| 24 / 4 | |
| 0.05...4 | |

IEC 60947-7-1 (-7-2)

| IEC | UL | CSA |
|--|-------------|-------------|
| 800 | 600 | 600 |
| 24 | 20 | 20 |
| 2.5 | AWG 30...12 | AWG 30...12 |
| 8 / 3 | | |
| A2 / V-0 | | |
| Rated connection | | |
| 0.5...4 | | |
| 0.5...2.5 / 0.5...2.5 | | |
| 10 / 0.6 x 3.5 mm | | |
| 2.5 mm ² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. | | |

| Type | Qty | Order No. |
|--|-----|-------------------|
| ZDKPE 2.5-2 | 50 | 1805940000 |
| The rated voltage is reduced to 400 V when using the cross-connection. | | |

| Type | current | Qty | Order No. |
|-------------------|---------|------|-------------------|
| ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| Width | | | |
| ZAP/TW ZDKPE2.5-2 | 2 mm | 25 | 1805960000 |
| ZEW 35 | | | |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 4 | | | |
| ZTA 4 | 5.1 mm | 25 | 1688110000 |
| SD 0.6x3.5x100 | | | |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| SWIFTY SET | | | |
| SWIFTY SET | | 1 | 9006060000 |
| ZRH 1.5H/1 | | | |
| ZRH 1.5H/1 | | 1000 | 1678810000 |
| ZRH 1.5H/2 | | | |
| ZRH 1.5H/2 | | 1000 | 1678800000 |
| ZAD 1/4-2 GE | | | |
| ZAD 1/4-2 GE | | 20 | 1764560000 |

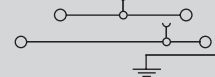
| Type | Qty | Order No. |
|-------------------|-----|-----------|
| DEK 5/5 / WS 10/5 | | |

ZDKPE 2.5-2/N/L/PE

2.5 mm²

Double level terminals with PE connection on one side



| | |
|-------------------|---|
| 5.1 x 89.5 x 55.5 |  |
| 24 / 4 | |
| 0.05...4 | |

IEC 60947-7-1 (-7-2)

| IEC | UL | CSA |
|--|-------------|-------------|
| 800 | 600 | 600 |
| 24 | 20 | |
| 2.5 | AWG 30...12 | AWG 30...12 |
| 8 / 3 | | |
| A2 / V-0 | | |
| Rated connection | | |
| 0.5...4 | | |
| 0.5...2.5 / 0.5...2.5 | | |
| 10 / 0.6 x 3.5 mm | | |
| 2.5 mm ² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. | | |

| Type | Qty | Order No. |
|--|-----|-------------------|
| ZDKPE 2.5-2/N/L/PE | 50 | 1895700000 |
| The rated voltage is reduced to 400 V when using the cross-connection. | | |

| Type | current | Qty | Order No. |
|-------------------|---------|------|-------------------|
| ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| Width | | | |
| ZAP/TW ZDKPE2.5-2 | 2 mm | 25 | 1805960000 |
| ZEW 35 | | | |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 4 | | | |
| ZTA 4 | 5.1 mm | 25 | 1688110000 |
| SD 0.6x3.5x100 | | | |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| SWIFTY | | | |
| SWIFTY | | 1 | 9006020000 |
| ZRH 1.5H/1 | | | |
| ZRH 1.5H/1 | | 1000 | 1678810000 |
| ZRH 1.5H/2 | | | |
| ZRH 1.5H/2 | | 1000 | 1678800000 |
| ZAD 1/4-2 GE | | | |
| ZAD 1/4-2 GE | | 20 | 1764560000 |

| Type | Qty | Order No. |
|-------------------|-----|-----------|
| DEK 5/5 / WS 10/5 | | |

Double / Multilevel terminals

Roof-style

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|-------------------|
| Width/Length/height with TS35x7.5 | mm |
| max. current / max. cond. cross-section | A/mm ² |
| Max. clamping range | mm ² |



Technical data

| Rated data | |
|--|-----------------|
| Rated voltage | V |
| Rated current | A |
| Rated cross-section | mm ² |
| Rated impulse voltage / Pollution severity | kV/- |
| Gauge to IEC 60947-1 / UL94 Flammability class | |
| Approvals | |
| Clamped conductors (H05V/H07V) | |
| solid / stranded | mm ² |
| flexible / Stranded wire with end ferrules | mm ² |
| Stripping length / Blade size | mm/- |
| Note | |

Ordering data

| Version | Dark beige Wemid Blue Wemid |
|---------|--------------------------------|
| Note | |

Accessories

| Pluggable cross-connection | |
|--|--|
|  | 2-pole 3-pole 4-pole 10-pole 20-/24-pole |
| End plate / partition | |
| | Dark beige Wemid Blue Wemid |
| End bracket | |
| | Dark beige Wemid |
| Test adapter | |
| | With assembly peg |
| Screwdriver | |
| | Standard with „swifty set“ cutting device |
| Reducing sleeves | |
| | For conductors < 0,5 mm ² / AWG 20 For conductors < 1,0 mm ² / AWG 18 |
| Cover | |
|  | With lightning flash symbol |
| Marking systems | |
| | (see assortment in catalogue 7) Marking tags |
| For detailed information on other accessories and applications, refer to the „Accessories“ section | |

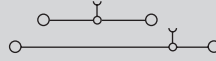
ZDK 4 -2

4 mm²


Double level terminals



6.1 x 77.6 x 61
32 / 6
0.13...6



IEC 60947-7-1

| IEC | UL | CSA |
|---|-------------|-------------|
| 800 | 600 | 600 |
| 32 | 25 | 30 |
| 4 | AWG 26...10 | AWG 26...10 |
| 8 / 3 | | |
| A3 / V-0 | | |
|  | | |
| Rated connection | | |
| 0.5...6 | | |
| 0.5...4 / 0.5...4 | | |
| 10 / 0.6 x 3.5 mm | | |
| Note | | |

| Type | Qty | Order No. |
|------------|-----|-------------------|
| ZDK 4-2 | 50 | 8670750000 |
| ZDK 4-2 BL | 50 | 8670850000 |
| Note | | |

| Type | current | Qty | Order No. |
|--|---------|-----|-------------------|
| ZQV 4/2 GE | 32 A | 60 | 1608950000 |
| ZQV 4/3 GE | 32 A | 60 | 1608960000 |
| ZQV 4/4 GE | 32 A | 60 | 1608970000 |
| ZQV 4/10 GE | 32 A | 20 | 1609030000 |
| ZQV 4/20 GE | 32 A | 20 | 1909010000 |
| Width | | | |
| ZAP/TW ZDK4-2 | 2 mm | 50 | 8670760000 |
| ZAP/TW ZDK4-2 BL | 2 mm | 50 | 8670620000 |
| Width | | | |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| Width | | | |
| ZTA 6/ZA | 6.1 mm | 25 | 1780660000 |
| Width | | | |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| Width | | | |
| ZAD 1/4 | | 20 | 1609110000 |
| Width | | | |
| Marking systems | | | |
| | | | DEK 5/6 |
| For detailed information on other accessories and applications, refer to the „Accessories“ section | | | |

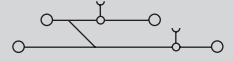
ZDK 4-2 V

4 mm²


Vertically cross-connected double level terminal



6.1 x 77.6 x 61
32 / 6
0.13...6



IEC 60947-7-1

| IEC | UL | CSA |
|---|-------------|-------------|
| 800 | 600 | 600 |
| 32 | 25 | 30 |
| 4 | AWG 26...10 | AWG 26...10 |
| 8 / 3 | | |
| A3 / V-0 | | |
|  | | |
| Rated connection | | |
| 0.5...6 | | |
| 0.5...4 / 0.5...4 | | |
| 10 / 0.6 x 3.5 mm | | |
| Note | | |

| Type | Qty | Order No. |
|-----------|-----|-------------------|
| ZDK 4-2 V | 50 | 8671080000 |
| Note | | |

| Type | current | Qty | Order No. |
|--|---------|-----|-------------------|
| ZQV 4/2 GE | 32 A | 60 | 1608950000 |
| ZQV 4/3 GE | 32 A | 60 | 1608960000 |
| ZQV 4/4 GE | 32 A | 60 | 1608970000 |
| ZQV 4/10 GE | 32 A | 20 | 1609030000 |
| ZQV 4/20 GE | 32 A | 20 | 1909010000 |
| Width | | | |
| ZAP/TW ZDK4-2 | 2 mm | 50 | 8670760000 |
| ZAP/TW ZDK4-2 BL | 2 mm | 50 | 8670620000 |
| Width | | | |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| Width | | | |
| ZTA 6/ZA | 6.1 mm | 25 | 1780660000 |
| Width | | | |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| Width | | | |
| ZAD 1/4 | | 20 | 1609110000 |
| Width | | | |
| Marking systems | | | |
| | | | DEK 5/6 |
| For detailed information on other accessories and applications, refer to the „Accessories“ section | | | |

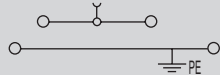
ZDK 4-2 DU/PE

4 mm²

Phase - PE conductor



6.1 x 77.6 x 61
32 / 6
0.13...6



IEC 60947-7-1 (-7-2)

| IEC | UL | CSA |
|-----|-------------|-------------|
| 800 | 600 | 600 |
| 32 | 25 | 30 |
| 4 | AWG 26...10 | AWG 26...10 |
| | 8 / 3 | |
| | A3 / V-0 | |



Rated connection

0.5...6
 0.5...4 / 0.5...4
 10 / 0.6 x 3.5 mm

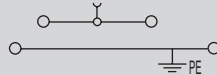
ZDK 4-2/N/L

4 mm²

Double level terminals



6.1 x 77.6 x 61
32 / 6
0.13...6



IEC 60947-7-1

| IEC | UL | CSA |
|-----|-------------|-------------|
| 800 | 600 | 600 |
| 32 | 25 | 30 |
| 4 | AWG 26...10 | AWG 26...10 |
| | 8 / 3 | |
| | A3 / V-0 | |



Rated connection

0.5...6
 0.5...4 / 0.5...4
 10 / 0.6 x 3.5 mm

| Type | Qty | Order No. |
|---------------|-----|-------------------|
| ZDK 4-2/DU-PE | 50 | 8671120000 |

| Type | Qty | Order No. |
|-------------|-----|-------------------|
| ZDK 4-2/N/L | 50 | 1905170000 |

Upper level printed blue

| Type | current | Qty | Order No. |
|------------------|--------------|-----|-------------------|
| ZQV 4/2 GE | 32 A | 60 | 1608950000 |
| ZQV 4/3 GE | 32 A | 60 | 1608960000 |
| ZQV 4/4 GE | 32 A | 60 | 1608970000 |
| ZQV 4/10 GE | 32 A | 20 | 1609030000 |
| ZQV 4/20 GE | 32 A | 20 | 1909010000 |
| | Width | | |
| ZAP/TW ZDK4-2 | 2 mm | 50 | 8670760000 |
| ZAP/TW ZDK4-2 BL | 2 mm | 50 | 8670620000 |
| | | | |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| | | | |
| ZTA 6/ZA | 6.1 mm | 25 | 1780660000 |
| | | | |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| | | | |
| | | | |
| ZAD 1/4 | | 20 | 1609110000 |

| Type | current | Qty | Order No. |
|------------------|--------------|-----|-------------------|
| ZQV 4/2 GE | 32 A | 60 | 1608950000 |
| ZQV 4/3 GE | 32 A | 60 | 1608960000 |
| ZQV 4/4 GE | 32 A | 60 | 1608970000 |
| ZQV 4/10 GE | 32 A | 20 | 1609030000 |
| ZQV 4/20 GE | 32 A | 20 | 1909010000 |
| | Width | | |
| ZAP/TW ZDK4-2 | 2 mm | 50 | 8670760000 |
| ZAP/TW ZDK4-2 BL | 2 mm | 50 | 8670620000 |
| | | | |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| | | | |
| ZTA 6/ZA | 6.1 mm | 25 | 1780660000 |
| | | | |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| | | | |
| | | | |
| ZAD 1/4 | | 20 | 1609110000 |

DEK 5/6

DEK 5/6

Double / Multilevel terminals

Roof-style

The compact terminal range for conductor cross-sections 0.13 to 16 mm²

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|-------------------|
| Width/Length/height with TS35x7.5 | mm |
| max. current / max. cond. cross-section | A/mm ² |
| Max. clamping range | mm ² |

Technical data

| Rated data | |
|--|-----------------|
| Rated cross-section | mm ² |
| Rated voltage to adjacent terminal | V |
| Rated impulse withstand voltage to adjacent terminal | kV |
| Short-time withstand current | |
| Pollution severity | |
| Gauge to IEC 60947-1 / UL94 Flammability class | |
| Approvals | |
| Clamped conductors (H05V/H07V) | |
| solid / stranded | mm ² |
| flexible / Stranded wire with end ferrules | mm ² |
| Stripping length / Blade size | mm/- |
| Note | |

Ordering data

| Version | |
|---------|--------------------|
| | green/yellow Wemid |
| Note | |

Accessories

| End plate / partition | |
|-----------------------|---|
| | Dark beige Wemid |
| End bracket | |
| | Dark beige Wemid |
| Test adapter | |
| | With assembly peg |
| Screwdriver | |
| | Standard |
| Reducing sleeves | |
| | For conductors < 0,5 mm ² / AWG 20 |
| | For conductors < 1,0 mm ² / AWG 18 |

Marking systems (see assortment in catalogue 7)
Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

ZDK 2.5-2 PE

2.5 mm²

Four connections



| | |
|-----------------|--|
| 5.1 x 72.5 x 56 | |
| / 4 | |
| 0.05...4 | |

IEC 60947-7-2

| IEC | UL | CSA |
|-----|------------------------------|-------------|
| 2.5 | AWG 30...12 | AWG 30...12 |
| 800 | | |
| 8 | | |
| | 300 A (2.5 mm ²) | |
| | 3 | |
| | A2 / V-0 | |



Rated connection

| |
|--|
| 0.5...4 |
| 0.5...2.5 / 0.5...1.5 |
| 10 / 0.6 x 3.5 mm |
| 2.5 mm ² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. |

ZDK 4-2 PE

4 mm²

Four connections



| | |
|-----------------|--|
| 6.1 x 77.6 x 61 | |
| / 6 | |
| 0.13...6 | |

IEC 60947-7-2

| IEC | UL | CSA |
|-----|----------------------------|-------------|
| 4 | AWG 26...10 | AWG 26...10 |
| 800 | | |
| 8 | | |
| | 480 A (4 mm ²) | |
| | 3 | |
| | A3 / V-0 | |



Rated connection

| |
|-------------------|
| 0.5...6 |
| 0.5...4 / 0.5...4 |
| 10 / 0.6 x 3.5 mm |

| Type | Qty | Order No. |
|-------------|-----|-------------------|
| ZDK 2.5-2PE | 50 | 1791010000 |

| Type | Qty | Order No. |
|------------|-----|-------------------|
| ZDK 4-2 PE | 50 | 8671050000 |

| Type | Width | Qty | Order No. |
|-----------------|--------|------|-------------------|
| ZAP/TW ZDK2.5-2 | 2 mm | 20 | 1791050000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 4 | 5.1 mm | 25 | 1688110000 |
| SD 0.5x3.0x80 | | 1 | 9008320000 |
| ZRH 1.5H/1 | | 1000 | 1678810000 |
| ZRH 1.5H/2 | | 1000 | 1678800000 |

| Type | Width | Qty | Order No. |
|----------------|--------|-----|-------------------|
| ZAP/TW ZDK4-2 | 2 mm | 50 | 8670760000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 6/ZA | 6.1 mm | 25 | 1780660000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |

DEK 5/5 / WS 10/5

DEK 5/6

ZPE 16-2/1AN

16 mm²

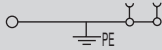
Supply terminal - PE



12 x 65 x 51.5

/ 25

1.5...25



IEC 60947-7-2

| IEC | UL | CSA |
|-----|------------------------------|------------|
| 16 | AWG 14...4 | AWG 14...4 |
| 800 | | |
| 8 | | |
| | 1920 A (16 mm ²) | |
| | 3 | |
| | A7 / V-0 | |



Rated connection

1.5...10 / 16...25

1.5...16 / 1.5...16

18 / 1.0 x 5.5 mm

Rated voltage is reduced to 400 V or the IP rated voltage of the distribution terminals.

| Type | Qty | Order No. |
|--------------|-----|------------|
| ZPE 16-2/1AN | 20 | 1772960000 |

| Type | Width | Qty | Order No. |
|------------------|--------|-----|------------|
| ZAP/Z...16-2/1AN | 2.5 mm | 10 | 1772970000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| SD 1.0x5.5x150 | | 1 | 9008350000 |

DEK 5/8

The plug-in cross-connections ZQV 2.5/.., ZQV 4/... and ZQV 6/... can be used.

D

Test-disconnect terminals

Standard model and Roof-style

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|-------------------|
| Width/Length/height with TS35x7.5 | mm |
| max. current / max. cond. cross-section | A/mm ² |
| Max. clamping range | mm ² |

Technical data

| Rated data | |
|--|-----------------|
| Rated voltage | V |
| Rated current | A |
| Rated cross-section | mm ² |
| Rated impulse voltage / Pollution severity | kV/- |
| Gauge to IEC 60947-1 / UL94 Flammability class | |
| Approvals | |
| Clamped conductors (H05V/H07V) | |
| solid / stranded | mm ² |
| flexible / Stranded wire with end ferrules | mm ² |
| Stripping length / Blade size | mm/- |
| Note | |

Ordering data

| Version | |
|---------|------------------------------------|
| | Dark beige Wemid |
| | Blue Wemid |
| | Without isolator, Dark beige Wemid |
| Note | |

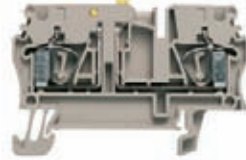
Accessories

| Pluggable cross-connection | |
|--|---------------------------------|
| | 2-pole |
| | 3-pole |
| | 4-pole |
| | 10-pole |
| End plate / partition | |
| | Dark beige Wemid |
| End bracket | |
| | Dark beige Wemid |
| Screwdriver | |
| | Standard |
| Testing / Checking | |
| | Test plug |
| Holder for cartridge fuse, 5 x 20mm | |
| | 400 V AC/DC, without LED |
| | 10 - 36 V AC/DC, red LED |
| | 140 - 250 V AC/DC, red LED |
| Module connector (max, 250 V) | |
| | without fittings |
| | with wire jumper |
| | With 1N4007 diode |
| Test adapter | |
| | Standard |
| | With assembly peg |
| Disconnect plug | |
| | yellow Wemid |
| Marking systems | |
| | (see assortment in catalogue 7) |
| | Marking tags |
| For detailed information on other accessories and applications, refer to the „Accessories“ section | |

ZTR 2.5

2.5 mm²

Two connections



5.1 x 59.5 x 41.5

20 / 4

0.05...4



IEC 60947-7-1

| IEC | UL | CSA |
|----------|-------------|-------------|
| 500 | 600 | 600 |
| 20 | 20 | 20 |
| 2.5 | AWG 30...12 | AWG 30...12 |
| 6 / 3 | | |
| A3 / V-0 | | |

Rated connection

| |
|---------------------|
| 0.5...4 |
| 0.5...4 / 0.5...2.5 |
| 10 / 0.6 x 3.5 mm |

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

| Type | Qty | Order No. |
|----------------|-----|------------|
| ZTR 2.5 | 100 | 1831280000 |
| ZTR 2.5 BL | 100 | 8731710000 |
| ZTR 2.5/O.TNHE | 100 | 1831130000 |

| Type | current | Qty | Order No. |
|------------------------|---------|-----|------------|
| ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| Width | | | |
| ZAP/TW 1 | 2 mm | 50 | 1608740000 |
| Width | | | |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| PS 2.3 RT | 5.4 mm | 20 | 0180400000 |
| SIHA 3/G20 | 6 mm | 25 | 7921560000 |
| SIHA 3/G20/LD 10-36V | 6 mm | 25 | 7921570000 |
| SIHA 3/G20/LD 140-250V | 6 mm | 25 | 7921600000 |
| BEST | 5.1 mm | 50 | 1833100000 |
| BEST/DRBR | 5.1 mm | 50 | 1878570000 |
| BEST/D | 5.1 mm | 50 | 1878560000 |
| ZTA 1 | 5.1 mm | 25 | 1609040000 |
| ZTA 1/ZA | 5.1 mm | 25 | 1609050000 |
| TNST | | 50 | 1833090000 |

DEK 5/5 / WS 10/5

If the disconnection lever is replaced by the SIHA 3, this creates a fuse terminal.

ZTR 2.5/3AN

2.5 mm²

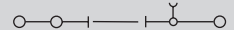
Three connections



5.1 x 79.5 x 41.5

20 / 4

0.05...4



IEC 60947-7-1

| IEC | UL | CSA |
|----------|-------------|-------------|
| 500 | 600 | 600 |
| 20 | 20 | 20 |
| 2.5 | AWG 30...12 | AWG 26...12 |
| 6 / 3 | | |
| A3 / V-0 | | |

UL

Rated connection

| |
|---------------------|
| 0.5...4 |
| 0.5...4 / 0.5...2.5 |
| 10 / 0.6 x 3.5 mm |

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

| Type | Qty | Order No. |
|--------------------|-----|------------|
| ZTR 2.5/3AN | 100 | 8731720000 |
| ZTR 2.5/3AN BL | 100 | 8731730000 |
| ZTR 2.5/3AN/O.TNHE | 100 | 8728450000 |

| Type | current | Qty | Order No. |
|------------------------|---------|-----|------------|
| ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| Width | | | |
| ZAP/TW 3 | 2 mm | 50 | 1608800000 |
| Width | | | |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| PS 2.3 RT | 5.4 mm | 20 | 0180400000 |
| SIHA 3/G20 | 6 mm | 25 | 7921560000 |
| SIHA 3/G20/LD 10-36V | 6 mm | 25 | 7921570000 |
| SIHA 3/G20/LD 140-250V | 6 mm | 25 | 7921600000 |
| BEST | 5.1 mm | 50 | 1833100000 |
| BEST/DRBR | 5.1 mm | 50 | 1878570000 |
| BEST/D | 5.1 mm | 50 | 1878560000 |
| ZTA 1 | 5.1 mm | 25 | 1609040000 |
| ZTA 1/ZA | 5.1 mm | 25 | 1609050000 |
| TNST | | 50 | 1833090000 |

DEK 5/5 / WS 10/5

If the disconnection lever is replaced by the SIHA 3, this creates a fuse terminal.

ZTR 2.5/4AN

2.5 mm²

Four connections

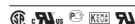


5.1 x 82.5 x 39.1
16 / 2.5
0.05...2.5



IEC 60947-7-1

| IEC | UL | CSA |
|----------|-------------|-------------|
| 400 | 300 | 300 |
| 16 | 10 | 10 |
| 2.5 | AWG 30...12 | AWG 26...12 |
| 6 / 3 | | |
| A2 / V-0 | | |



Rated connection

0.5...2.5
 0.5...2.5 / 0.5...1.5
 10 / 0.6 x 3.5 mm

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

| Type | Qty | Order No. |
|--------------------|-----|-------------------|
| ZTR 2.5/4AN | 100 | 7920900000 |
| ZTR 2.5/4AN BL | 100 | 7920930000 |
| ZTR 2.5/4AN/O.TNHE | 100 | 7920950000 |

| Type | current | Qty | Order No. |
|------------------------|---------|-----|-------------------|
| ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| Width | | | |
| ZAP/TW 3 | 2 mm | 50 | 1608800000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| PS 2.3 RT | 5.4 mm | 20 | 0180400000 |
| SIHA 3/G20 | 6 mm | 25 | 7921560000 |
| SIHA 3/G20/LD 10-36V | 6 mm | 25 | 7921570000 |
| SIHA 3/G20/LD 140-250V | 6 mm | 25 | 7921600000 |
| BEST | 5.1 mm | 50 | 1833100000 |
| BEST/DRBR | 5.1 mm | 50 | 1878570000 |
| BEST/D | 5.1 mm | 50 | 1878560000 |
| TNST | | 50 | 1833090000 |

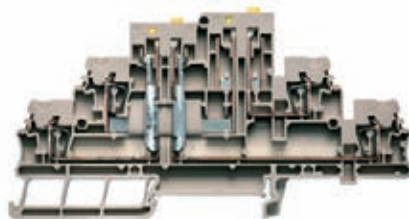
DEK 5/5 / WS 10/5

If the disconnection lever is replaced by the SIHA 3, this creates a fuse terminal.

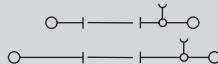
ZDTR 2.5

2.5 mm²

Four connections



5.1 x 117 x 63
16 / 4
0.13...4



IEC 60947-7-1

| IEC | UL | CSA |
|----------|-------------|-------------|
| 400 | 300 | 300 |
| 16 | 10 | 10 |
| 2.5 | AWG 26...12 | AWG 26...12 |
| 6 / 3 | | |
| A2 / V-0 | | |



Rated connection

0.5...4
 0.5...4 / 0.5...2.5
 10 / 0.6 x 3.5 mm

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

| Type | Qty | Order No. |
|-------------|-----|-------------------|
| ZDTR 2.5 | 20 | 1745400000 |
| ZDTR 2.5 BL | 20 | 1798330000 |

| Type | current | Qty | Order No. |
|---------------------|---------|-----|-------------------|
| ZQV 2.5N/2 GE | 24 A | 60 | 1693800000 |
| ZQV 2.5N/3 GE | 24 A | 60 | 1693810000 |
| ZQV 2.5N/4 GE | 24 A | 60 | 1693820000 |
| ZQV 2.5N/10 GE | 24 A | 20 | 1693880000 |
| Width | | | |
| AP ZDTR2.5 | 1.5 mm | 20 | 1745420000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| PS 2.3 RT | 5.4 mm | 20 | 0180400000 |
| SIHA 2/G20 | 6 mm | 25 | 9537600000 |
| SIHA 2/G20 10-36V | 6 mm | 25 | 9537610000 |
| SIHA 2/G20 140-250V | 6 mm | 25 | 9537640000 |
| BEST | 5.1 mm | 50 | 1833100000 |
| BEST/DRBR | 5.1 mm | 50 | 1878570000 |
| BEST/D | 5.1 mm | 50 | 1878560000 |

DEK 5/5

If the disconnection lever is replaced by the SIHA 2, this creates a fuse terminal.

Test-disconnect terminals

Standard model and Roof-style

The compact terminal range for conductor cross-sections 0.13 to 16 mm².

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|-------------------|
| Width/Length/height with TS35x7.5 | mm |
| max. current / max. cond. cross-section | A/mm ² |
| Max. clamping range | mm ² |

Technical data

Rated data

| | |
|--|-----------------|
| Rated voltage | V |
| Rated current | A |
| Rated cross-section | mm ² |
| Rated impulse voltage / Pollution severity | kV/- |
| Gauge to IEC 60947-1 / UL94 Flammability class | |
| Approvals | |

Clamped conductors (H05V/H07V)

| | |
|--|-----------------|
| solid / stranded | mm ² |
| flexible / Stranded wire with end ferrules | mm ² |
| Stripping length / Blade size | mm/- |

Note

Ordering data

Version

| |
|------------------------------------|
| Dark beige Wemid |
| Blue Wemid |
| Without isolator, Dark beige Wemid |

Note

Accessories

Pluggable cross-connection



| |
|-------------|
| 2-pole |
| 3-pole |
| 4-pole |
| 10-pole |
| 20-/24-pole |

End plate / partition

Dark beige Wemid

End bracket

Dark beige Wemid

Screwdriver

Standard

Holder for cartridge fuse, 5 x 20mm

| |
|----------------------------|
| 400 V AC/DC, without LED |
| 10 - 36 V AC/DC, red LED |
| 140 - 250 V AC/DC, red LED |

Module connector (max, 250 V)

| |
|-------------------|
| without fittings |
| with wire jumper |
| With 1N4007 diode |

Disconnect plug

yellow Wemid

Marking systems

(see assortment in catalogue 7)

Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

ZTR 2.5-2

2.5 mm²

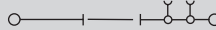
Two connections



5.1 x 50.5 x 44

21 / 2.5

0.13...2.5



IEC 60947-7-1

| IEC | UL | CSA |
|-----|-------------|-------------|
| 400 | 300 | 300 |
| 10 | 10 | 10 |
| 2.5 | AWG 26...12 | AWG 26...12 |
| | 6 / 3 | |
| | A2 / V-0 | |



Rated connection

| |
|-----------------------|
| 0.5...2.5 |
| 0.5...2.5 / 0.5...1.5 |
| 10 / 0.6 x 3.5 mm |

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

| Type | Qty | Order No. |
|------------------|-----|------------|
| ZTR 2.5-2 | 100 | 1779010000 |
| ZTR 2.5-2 BL | 100 | 1779120000 |
| ZTR 2.5-2/O.TNHE | 100 | 1779020000 |

| Type | current | Qty | Order No. |
|------------|---------|-----|------------|
| ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| ZQV 2.5/10 | 24 A | 20 | 1608940000 |

| | Width | | |
|---------|--------|----|------------|
| ZAP/TW7 | 2.5 mm | 50 | 1706110000 |

| | | | |
|--------|------|----|------------|
| ZEW 35 | 6 mm | 20 | 9540000000 |
|--------|------|----|------------|

| | | |
|----------------|---|------------|
| SD 0.6x3.5x100 | 1 | 9008330000 |
|----------------|---|------------|

| | | | |
|------------|------|----|------------|
| SIHA 3/G20 | 6 mm | 25 | 7921560000 |
|------------|------|----|------------|

| | | | |
|----------------------|------|----|------------|
| SIHA 3/G20/LD 10-36V | 6 mm | 25 | 7921570000 |
|----------------------|------|----|------------|

| | | | |
|------------------------|------|----|------------|
| SIHA 3/G20/LD 140-250V | 6 mm | 25 | 7921600000 |
|------------------------|------|----|------------|

| | | | |
|------|--------|----|------------|
| BEST | 5.1 mm | 50 | 1833100000 |
|------|--------|----|------------|

| | | | |
|-----------|--------|----|------------|
| BEST/DRBR | 5.1 mm | 50 | 1878570000 |
|-----------|--------|----|------------|

| | | | |
|--------|--------|----|------------|
| BEST/D | 5.1 mm | 50 | 1878560000 |
|--------|--------|----|------------|

| | | |
|------|----|------------|
| TNST | 50 | 1833090000 |
|------|----|------------|

DEK 5/5 / WS 14/5

If the disconnection lever is replaced by the SIHA 2, this creates a fuse terminal.

ZTR 6-2

6 mm²

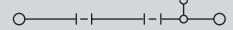
2 connections



8.1 x 70 x 50.5

30 / 10

0.05...10



| IEC | UL | CSA |
|-----|----------|-----|
| 800 | | |
| 30 | | |
| 6 | | |
| | 8 / 3 | |
| | A5 / V-0 | |

Rated connection

| |
|--------------------|
| 0.5...10 / 0.5...6 |
| 0.5...6 / 0.5...6 |
| 12 / 0.6 x 3.5 mm |

| Type | Qty | Order No. |
|---------|-----|------------|
| ZTR 6-2 | 50 | 1023830000 |

End plate (Article: 1771440000 ZAP ZDU6-2) included in scope of delivery.

| Type | current | Qty | Order No. |
|------------|---------|-----|------------|
| ZQV 6/2 GE | 41 A | 60 | 1627850000 |
| ZQV 6/3 GE | 41 A | 60 | 1627860000 |
| ZQV 6/4 GE | 41 A | 60 | 1627870000 |

| | | | |
|-------------|------|----|------------|
| ZQV 6/24 GE | 41 A | 10 | 1908990000 |
|-------------|------|----|------------|

| | Width | | |
|------------|--------|----|------------|
| ZAP ZDU6-2 | 2.5 mm | 50 | 1771440000 |

| | | | |
|--------|------|----|------------|
| ZEW 35 | 6 mm | 20 | 9540000000 |
|--------|------|----|------------|

| | | |
|-----------------|---|------------|
| SDI 0,6x3,5x100 | 1 | 9008390000 |
|-----------------|---|------------|

Roof-style

ZTR 6-2 E

6 mm²

Operation mode



16.2 x 70 x 50.5
20 / 10
0.05...10

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|-------------------|
| Width/Length/height with TS35x7.5 | mm |
| max. current / max. cond. cross-section | A/mm ² |
| Max. clamping range | mm ² |

Technical data

| Rated data | |
|--|-----------------|
| Rated current | A |
| Rated cross-section | mm ² |
| Rated impulse voltage / Pollution severity | kV/- |
| Gauge to IEC 60947-1 / UL94 Flammability class | |
| Approvals | |
| Clamped conductors (H05V/H07V) | |
| solid / stranded | mm ² |
| flexible / Stranded wire with end ferrules | mm ² |
| Stripping length / Blade size | mm/- |

Note

Ordering data

| Version | |
|---------|----------------------------|
| | Dark beige Wemid, 230 V UC |
| | Dark beige Wemid, 24 V DC |
| Note | |

Accessories

| | |
|-----------------------|-------------------|
| End plate / partition | Dark beige Wemid |
| End bracket | Dark beige Wemid |
| Test adapter | With assembly peg |
| Screwdriver | Standard |

| IEC | UL | CSA |
|-----|----------|-----|
| 20 | 20 | 20 |
| 6 | | |
| | 8 / 3 | |
| | A5 / V-0 | |

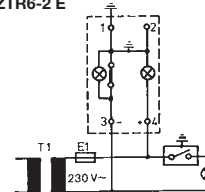
| Rated connection | |
|--------------------|--|
| 0.5...10 / 0.5...6 | |
| 0.5...6 / 0.5...6 | |
| 12 / 0.6 x 3.5 mm | |

| Type | Qty | Order No. |
|---|-----|------------|
| ZTR 6-2 E / 230V UC | 10 | 8817930000 |
| ZTR 6-2 E / 24V DC | 10 | 8817920000 |
| End plate (Article: 1771440000 ZAP ZDU6-2) included in scope of delivery. | | |

| Type | Width | Qty | Order No. |
|-----------------|--------|-----|------------|
| ZAP ZDU6-2 | 2.5 mm | 50 | 1771440000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 7/ZA | 8.1 mm | 25 | 1780670000 |
| SDI 0,6x3,5x100 | | 1 | 9008390000 |

Operating mode

ZTR6-2 E

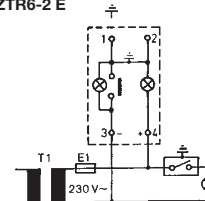


- Slide link is closed
- Auxiliary circuit is **earthed**
- Display is illuminated green

Test position

When measuring insulation resistance with voltages greater than UNom, the earth connection must first be disconnected.

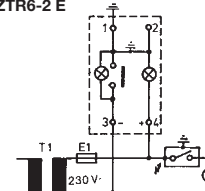
ZTR6-2 E



- Slide link is opened
- Auxiliary circuit is **not earthed**
- **No** earth fault
- Display illuminated green and red with reduced intensity
- Disconnected earth connection -> When measuring insulation resistance with voltages greater than UNom, the earth connection must be disconnected.

Operational malfunction

ZTR6-2 E



- Slide link is opened
- Auxiliary circuit is **not earthed**
- **Earth fault**
- Display is illuminated red

(see assortment in catalogue 7)

For detailed information on other accessories and applications, refer to the „Accessories“ section

Fuse terminals

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|-------------------|
| Width/Length/height with TS35x7.5 | mm |
| max. current / max. cond. cross-section | A/mm ² |
| Max. clamping range | mm ² |




Technical data

| Rated data | |
|--|-----------------|
| Rated voltage | V |
| Rated current | A |
| Rated cross-section | mm ² |
| Rated impulse voltage / Pollution severity | kV/- |
| Gauge to IEC 60947-1 / UL94 Flammability class | |
| Approvals | |
| Clamped conductors (H05V/H07V) | |
| solid / stranded | mm ² |
| flexible / Stranded wire with end ferrules | mm ² |
| Stripping length / Blade size | mm/- |
| Note | |

Ordering data

| Version | |
|---------|---------------------------|
| | 400 V AC/DC, without LED |
| | 10-36 V AC/DC, with LED |
| | 30-70 V AC/DC, with LED |
| | 60-150 V AC/DC, with LED |
| | 140-250 V AC/DC, with LED |
| Note | |

Accessories

| Pluggable cross-connection | |
|--|---------------------------------|
|  | 2-pole |
|  | 3-pole |
|  | 4-pole |
| End plate / partition | |
| | Dark beige Wemid |
| | Dark beige Wemid |
| Screwdriver | |
| | Standard |
| G-fuse cartridge, 5 x 20mm (IEC 60127-2) | |
| | 0,25 A fast |
| | 0,50 A fast |
| | 1,00 A fast |
| | 2,00 A fast |
| G25 with indicator / imperial (inch) fuse | |
| | 0,50 A medium slow / 2 A |
| | 1,00 A medium slow / 3 A |
| | 2,00 A fast / 5 A |
| | 4,00 A fast / 10 A |
| Marking systems | |
| | (see assortment in catalogue 7) |
| | Marking tags |
| For detailed information on other accessories and applications, refer to the „Accessories“ section | |

ZSI 2.5

2.5 mm²

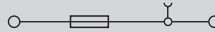
For metric fuses 5 x 20



7.9 x 79.5 x 74

6.3 / 4

0.13...4



IEC 60947-7-3

| IEC | UL | CSA |
|----------|-------------|-------------|
| 500 | 600 | 600 |
| 6.3 | 10 | 15 |
| 2.5 | AWG 26...12 | AWG 26...12 |
| 6 / 3 | | |
| A3 / V-0 | | |



Rated connection

| |
|---------------------|
| 0.5...4 |
| 0.5...4 / 0.5...2.5 |
| 10 / 0.6 x 3.5 mm |

Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

| Type | Qty | Order No. |
|------------------|-----|------------|
| ZSI 2.5 | 50 | 1616400000 |
| ZSI 2.5/LD 28AC | 50 | 1616440000 |
| ZSI 2.5/LD 60AC | 50 | 1616430000 |
| ZSI 2.5/LD 120AC | 50 | 1616420000 |
| ZSI 2.5/LD 250AC | 50 | 1616410000 |

For fuse cartridge holders the rated voltage is 250 V and the rated impulse withstand voltage 4 kV.

ZSI 2.5/5x25

2.5 mm²

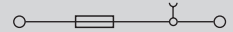
For metric fuses 5 x 25



7.9 x 79.5 x 74

6.3 / 4

0.13...4



IEC 60947-7-3

| IEC | UL | CSA |
|----------|-------------|-------------|
| 500 | 600 | 600 |
| 6.3 | 10 | 15 |
| 2.5 | AWG 26...12 | AWG 26...12 |
| 6 / 3 | | |
| A3 / V-0 | | |



Rated connection

| |
|---------------------|
| 0.5...4 |
| 0.5...4 / 0.5...2.5 |
| 10 / 0.6 x 3.5 mm |

Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

| Type | Qty | Order No. |
|--------------|-----|------------|
| ZSI 2.5/5X25 | 50 | 1730900000 |

For fuse cartridge holders the rated voltage is 250 V and the rated impulse withstand voltage 4 kV.

| Type | current | Qty | Order No. |
|-----------------|---------|-----|------------|
| ZQV 6/2 GE | 41 A | 60 | 1627850000 |
| ZQV 6/3 GE | 41 A | 60 | 1627860000 |
| ZQV 6/4 GE | 41 A | 60 | 1627870000 |
| Width | | | |
| ZAP/TW 3 | 2 mm | 50 | 1608800000 |
| ZAP TNHE/ZSI2.5 | | 25 | 1610840000 |
| Width | | | |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| G 20/0.25A/F | | 10 | 0430500000 |
| G 20/0.50A/F | | 10 | 0430600000 |
| G 20/1.00A/F | | 10 | 0430700000 |
| G 20/2.00A/F | | 10 | 0430900000 |
| G 25/0.50A/M WS | | 10 | 0510300000 |
| G 25/1.00A/M RT | | 10 | 0265800000 |
| G 25/2.00A/F BL | | 10 | 0192700000 |
| G 25/4.00A/F BR | | 10 | 0192800000 |

ZSI 2.5/2

2.5 mm²

For imperial fuses



12.2 x 79.5 x 74

12 / 4

0.13...4



IEC 60947-7-3

| IEC | UL | CSA |
|----------|-------------|-------------|
| 500 | 600 | 600 |
| 12 | 16 | 15 |
| 2.5 | AWG 26...12 | AWG 26...12 |
| 6 / 3 | | |
| A3 / V-0 | | |



Rated connection

0.5...4

0.5...4 / 0.5...2.5

10 / 0.6 x 3.5 mm

Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

| Type | Qty | Order No. |
|--------------------|-----|-------------------|
| ZSI 2.5/2 500AC | 10 | 1616460000 |
| ZSI 2.5/2/LD 28AC | 10 | 1616470000 |
| ZSI 2.5/2/LD 60AC | 10 | 1616480000 |
| ZSI 2.5/2/LD 120AC | 10 | 1616490000 |
| ZSI 2.5/2/LD 250AC | 10 | 1616500000 |

For fuse cartridge holders the rated voltage is 250 V and the rated impulse withstand voltage 4 kV.

| Type | current | Qty | Order No. |
|-----------|---------|-----|-------------------|
| ZQS 2.5/2 | 10 A | 20 | 1633200000 |
| ZQS 2.5/3 | 10 A | 20 | 1633210000 |
| ZQS 2.5/4 | 10 A | 20 | 1633220000 |

Width

ZAP TNHE/ZSI2.5 25 **1610840000**

SD 0.6x3.5x100 1 **9008330000**

GZ 10.0A 10 **0293900000**

DEK 5/5 / WS 10/5

Status display using a bi-directional LED. With use of inch fuse cartridges

Fuse terminals

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|-------------------|
| Width/Length/height with TS35x7.5 | mm |
| max. current / max. cond. cross-section | A/mm ² |
| Max. clamping range | mm ² |


Technical data

| Rated data | |
|--|-----------------|
| Rated voltage | V |
| Rated current | A |
| Rated cross-section | mm ² |
| Rated impulse voltage / Pollution severity | kV/- |
| Gauge to IEC 60947-1 / UL94 Flammability class | |
| Approvals | |
| Clamped conductors (H05V/H07V) | |
| solid / stranded | mm ² |
| flexible / Stranded wire with end ferrules | mm ² |
| Stripping length / Blade size | mm/- |
| Note | |

Ordering data

| Version | |
|---------|---------------------------|
| | 400 V AC/DC, without LED |
| | 10-36 V AC/DC, with LED |
| | 30-70 V AC/DC, with LED |
| | 60-150 V AC/DC, with LED |
| | 140-250 V AC/DC, with LED |
| Note | |

Accessories

| Pluggable cross-connection | |
|---|--------------------------|
|  | 2-pole |
| | 3-pole |
| | 4-pole |
| End plate / partition | |
| | End plate, Wemid |
| Screwdriver | |
| | Standard |
| G-fuse cartridge, 5 x 20mm (IEC 60127-2) | |
| | 0,25 A fast |
| | 0,50 A fast |
| | 1,00 A fast |
| | 2,00 A fast |
| G25 with indicator / imperial (inch) fuse | |
| | 0,50 A medium slow / 2 A |
| | 1,00 A medium slow / 3 A |
| | 2,00 A fast / 5 A |
| | 4,00 A fast / 10 A |

| Marking systems | |
|--|---------------------------------|
| | (see assortment in catalogue 7) |
| | Marking tags |
| For detailed information on other accessories and applications, refer to the „Accessories“ section | |


ZSI 2.5 2x2 AN

2.5 mm²

For metric fuses 5 x 20 / 5 x 25



| | |
|-----------------|--|
| 12.2 x 68 x 55 |  |
| 10 / 4 | |
| 0.13...4 | |

| IEC 60947-7-3 | | |
|---|---------------------|-------------|
| IEC | UL | CSA |
| 500 | 300 | 300 |
| 10 | 10 | 10 |
| 2.5 | AWG 26...12 | AWG 26...12 |
| 4 / 3 | | |
| A3 / V-0 | | |
|  | | |
| Rated connection | Further connection | |
| 0.5...4 | 0.5...4 / 0.5...2.5 | |
| 0.5...4 / 0.5...2.5 | 0.5...4 / 0.5...2.5 | |
| 10 / 0.6 x 3.5 mm | 10 / 0.6 x 3.5 mm | |
| The rated voltage of the fuse must not be exceeded. UL & CSA D = 600 V / 5 A | | |

| Type | Qty | Order No. |
|---|-----|------------|
| ZSI 2.5-2/2X2AN/G20 | 20 | 1826050000 |
| ZSI 2.5-2/2X2AN/G20/LD1 | 20 | 1867440000 |
| ZSI 2.5-2/2X2AN/G20/LD2 | 20 | 1867430000 |
| ZSI 2.5-2/2X2AN/G20/LD3 | 20 | 1867420000 |
| ZSI 2.5-2/2X2AN/G20/LD4 | 20 | 1879730000 |
| G 20 = G-fuse cartridge 5 x 20 / G 25 = G-fuse cartridge 5 x 25 G25 LED types on request | | |

| Type | current | Qty | Order No. |
|-----------------|---------|-----|------------|
| ZQV 6/2 GE | 41 A | 60 | 1627850000 |
| Width | | | |
| ZAP ZDU6-2 SW | 2.5 mm | 50 | 1814710000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| G 20/0.25A/F | | 10 | 0430500000 |
| G 20/0.50A/F | | 10 | 0430600000 |
| G 20/1.00A/F | | 10 | 0430700000 |
| G 20/2.00A/F | | 10 | 0430900000 |
| G 25/0.50A/M WS | | 10 | 0510300000 |
| G 25/1.00A/M RT | | 10 | 0265800000 |
| G 25/2.00A/F BL | | 10 | 0192700000 |
| G 25/4.00A/F BR | | 10 | 0192800000 |

| Marking systems | |
|-----------------|----------------------------------|
| | DEK 5/5 / WS 10/5 |
| | Status indication via neon lamp. |


ZSI 6-2

6 mm²

For metric fuses 5 x 20 / 5 x 25



| | |
|------------------|---|
| 12.2 x 65 x 55 |  |
| 10 / 10 | |
| 0.13...10 | |

| IEC 60947-7-3 | | |
|---|--------------------|------------|
| IEC | UL | CSA |
| 500 | 300 | 300 |
| 10 | 10 | 10 |
| 6 | AWG 26...8 | AWG 26...8 |
| 4 / 3 | | |
| A3 / V-0 | | |
|  | | |
| Rated connection | Further connection | |
| 0.5...10 | 0.5...10 / 0.5...6 | |
| 0.5...10 / 0.5...6 | 0.5...10 / 0.5...6 | |
| 10 / 0.6 x 3.5 mm | 10 / 0.6 x 3.5 mm | |
| The rated voltage of the fuse must not be exceeded. Acc. to UL 600 V / 5 A. A3 terminal points AWG 26-12, A5 terminal points AWG 20-8 | | |

| Type | Qty | Order No. |
|---|-----|------------|
| ZSI 6-2 2X2.5/G20 | 20 | 1820930000 |
| ZSI 6-2 2X2.5/G20/LD1 | 20 | 1867500000 |
| ZSI 6-2 2X2.5/G20/LD2 | 20 | 1867490000 |
| ZSI 6-2 2X2.5/G20/LD3 | 20 | 1867480000 |
| ZSI 6-2 2X2.5/G20/LD4 | 20 | 1879750000 |
| G 20 = G-fuse cartridge 5 x 20 / G 25 = G-fuse cartridge 5 x 25 G25 LED types on request | | |

| Type | current | Qty | Order No. |
|-----------------|---------|-----|------------|
| ZQV 4/2 GE | 32 A | 60 | 1608950000 |
| Width | | | |
| ZAP ZDU6-2 SW | 2.5 mm | 50 | 1814710000 |
| SD 0.8x4.0x100 | | 1 | 9008340000 |
| G 20/0.25A/F | | 10 | 0430500000 |
| G 20/0.50A/F | | 10 | 0430600000 |
| G 20/1.00A/F | | 10 | 0430700000 |
| G 20/2.00A/F | | 10 | 0430900000 |
| G 25/0.50A/M WS | | 10 | 0510300000 |
| G 25/1.00A/M RT | | 10 | 0265800000 |
| G 25/2.00A/F BL | | 10 | 0192700000 |
| G 25/4.00A/F BR | | 10 | 0192800000 |

| Marking systems | |
|-----------------|----------------------------------|
| | DEK 5/5 / WS 10/5 |
| | Status indication via neon lamp. |

ZSI 6-2/FC

6 mm²

For car fuses

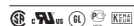


8.1 x 70 x 54.5
30 / 10
0.33...10



IEC 60947-7-3 / DIN 72581-3

| IEC | UL | CSA |
|-----|-------------|-------------|
| 250 | 300 | 300 |
| 30 | 30 | 25 |
| 6 | AWG 22...10 | AWG 22...10 |
| | 6 / 3 | |
| | A5 / V-0 | |



| Rated connection | Further connection |
|--------------------|--------------------|
| 0.5...10 | |
| 0.5...10 / 0.5...6 | |
| 10 / 4.0 x 0.8 mm | |

If large conductor cross-sections are used, the thermal power loss of the fuses is better dissipated.

| Type | Qty | Order No. |
|---------------|-----|------------|
| ZSI 6-2/FC | 25 | 1814690000 |
| ZSI 6-2/FC LD | 25 | 1814700000 |
| | | |
| | | |

Continuous current at fuse max. 80% IN; For the cartridge fuse holder the rated voltage is 250 V, and the rated impulse withstand voltage 4 kV.

| Type | current | Qty | Order No. |
|----------------|---------|-----|------------|
| ZQV 6/2 GE | 41 A | 60 | 1627850000 |
| ZQV 6/3 GE | 41 A | 60 | 1627860000 |
| ZQV 6/4 GE | 41 A | 60 | 1627870000 |
| Width | | | |
| ZAP ZDU6-2 SW | 2.5 mm | 50 | 1814710000 |
| SD 0.8x4.0x100 | | 1 | 9008340000 |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

DEK 5/6 / WS 12/6
 Status display using a bi-directional LED. With use of Pudenz fuses For ordering data on fuse cartridges, refer to page D.141.

D

Installation terminals

N-cross-connections with busbar system 10 x 3 mm.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|-------------------|
| Width/Length/height with TS35x7.5 | mm |
| max. current / max. cond. cross-section | A/mm ² |
| Max. clamping range | mm ² |



Technical data

| Rated data | |
|--|-----------------|
| Rated voltage | V |
| Rated current | A |
| Rated cross-section | mm ² |
| Rated impulse voltage / Pollution severity | kV/- |
| Gauge to IEC 60947-1 / UL94 Flammability class | |
| Approvals | |
| Clamped conductors (H05V/H07V) | |
| solid / stranded | mm ² |
| flexible / Stranded wire with end ferrules | mm ² |
| Stripping length / Blade size | mm/- |
| Note | |

Ordering data

| Version | |
|---------|------------------|
| | Dark beige Wemid |
| | Blue Wemid |
| Note | |

Accessories

| Pluggable cross-connection | |
|---|--------------------------------------|
|  | 2-pole |
| | 3-pole |
| | 4-pole |
| | 10-pole |
| | 20-/24-pole |
| End plate / partition | |
| | Dark beige Wemid |
| | Blue Wemid |
| Mounting plate for 10 x 3 (required every 20 cm) | |
|  | Blue Wemid |
| | For a vertical installation position |
| End bracket | |
| | Dark beige Wemid |
| Screwdriver | |
| | Standard |

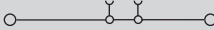
Marking systems (see assortment in catalogue 7)
Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section

ZDU 2.5 S

2.5 mm²

Two connections



| | |
|----------------|--|
| 5.1 x 61 x 44 |  |
| 24 / 4 | |
| 0.5...4 | |

| IEC 60947-7-1 | | |
|--|----------|-----|
| IEC | UL | CSA |
| 400 | | |
| 24 | | |
| 2.5 | | |
| | 6 / 3 | |
| | A2 / V-0 | |
| Rated connection | | |
| 0.5...4 | | |
| 0.5...4 / 0.5...2.5 | | |
| 10 / 0.6 x 3.5 mm | | |
| The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S). | | |

| Type | Qty | Order No. |
|--|-----|------------|
| ZDU 2.5 S | 100 | 1808010000 |
| ZDU 2.5 S BL | 100 | 1808020000 |
| Spacing between mounting plates should be 200mm. | | |

| Type | current | Qty | Order No. |
|------------------|---------|-----|------------|
| ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| Width | | | |
| ZAP ZDU 2.5 S | 2 mm | 20 | 1808030000 |
| ZAP ZDU 2.5 S BL | 2 mm | 20 | 1808040000 |
| ZHP S | 3 mm | 20 | 1808290000 |
| ZHP S SO | 3 mm | 20 | 1808280000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| SD 1.0x5.5x150 | | 1 | 9008350000 |

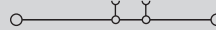
DEK 5/5 / WS 10/5

ZDU 4 S

4 mm²

Two connections



| | |
|-------------------|---|
| 6.1 x 64.2 x 45.2 |  |
| 32 / 6 | |
| 0.5...6 | |

| IEC 60947-7-1 | | |
|--|----------|-----|
| IEC | UL | CSA |
| 400 | | |
| 32 | | |
| 4 | | |
| | 6 / 3 | |
| | A3 / V-0 | |
| Rated connection | | |
| 0.5...6 | | |
| 0.5...4 / 0.5...4 | | |
| 10 / 0.6 x 3.5 mm | | |
| The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S). | | |

| Type | Qty | Order No. |
|--|-----|------------|
| ZDU 4 S | 100 | 1808360000 |
| ZDU 4 S BL | 100 | 1808370000 |
| Spacing between mounting plates should be 200mm. | | |

| Type | current | Qty | Order No. |
|----------------|---------|-----|------------|
| ZQV 4/2 GE | 32 A | 60 | 1608950000 |
| ZQV 4/3 GE | 32 A | 60 | 1608960000 |
| ZQV 4/4 GE | 32 A | 60 | 1608970000 |
| ZQV 4/10 GE | 32 A | 20 | 1609030000 |
| ZQV 4/20 GE | 32 A | 20 | 1909010000 |
| Width | | | |
| ZAP ZDU 4 S | 2 mm | 20 | 1808380000 |
| ZAP ZDU 4 S BL | 2 mm | 20 | 1808390000 |
| ZHP S | 3 mm | 20 | 1808290000 |
| ZHP S SO | 3 mm | 20 | 1808280000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |

DEK 5/5 / WS 10/6

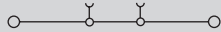
ZDU 6S

6 mm²

Two connections



8.1 x 64.35 x 49.2
41 / 10
0.5...10



IEC 60947-7-1

| IEC | UL | CSA |
|-----|----------|-----|
| 400 | | |
| 41 | | |
| 6 | | |
| | 6 / 3 | |
| | A5 / V-0 | |



Rated connection

0.5...10
 0.5...10 / 0.5...6
 12 / 0.6 x 3.5 mm

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

| Type | Qty | Order No. |
|------------|-----|-------------------|
| ZDU 6 S | 100 | 1808230000 |
| ZDU 6 S BL | 100 | 1808240000 |

Spacing between mounting plates should be 200mm.

| Type | current | Qty | Order No. |
|----------------|---------|-----|-------------------|
| ZQV 6/2 GE | 41 A | 60 | 1627850000 |
| ZQV 6/3 GE | 41 A | 60 | 1627860000 |
| ZQV 6/4 GE | 41 A | 60 | 1627870000 |
| ZQV 6/24 GE | 41 A | 10 | 1908990000 |
| Width | | | |
| ZAP ZDU 6 S | 2 mm | 20 | 1808250000 |
| ZAP ZDU 6 S BL | 2 mm | 20 | 1808260000 |
| ZHP S | 3 mm | 20 | 1808290000 |
| ZHP S SO | 3 mm | 20 | 1808280000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| SD 0.8x4.0x100 | | 1 | 9008340000 |

DEK 5/8 / WS 10/6

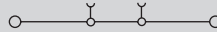
ZDU 10/S

10 mm²

Two connections



10 x 86.5 x 48.5
76 / 16
1.3...16



IEC 60947-7-1

| IEC | UL | CSA |
|-----|------------|------------|
| 400 | 300 | 300 |
| 57 | 60 | 55 |
| 10 | AWG 16...6 | AWG 16...6 |
| | 6 / 3 | |
| | A6 / V-0 | |



Rated connection

1.5...16 / 1.5...16
 1.5...10 / 1.5...10
 18 / 1.0 x 5.5 mm

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

| Type | Qty | Order No. |
|------------|-----|-------------------|
| ZDU 10S | 25 | 1739540000 |
| ZDU 10S BL | 25 | 1739550000 |

Spacing between mounting plates should be 200mm.

| Type | current | Qty | Order No. |
|----------------|---------|-----|-------------------|
| ZQV 10/2 | 17.5 A | 25 | 1739680000 |
| Width | | | |
| ZAP ZDU10/16S | 2 mm | 20 | 1739660000 |
| ZHP Z/W BL | 3 mm | 20 | 1745180000 |
| ZHP Z/W SO | 5 mm | 20 | 1781070000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| SD 1.0x5.5x150 | | 1 | 9008350000 |

DEK 5/5

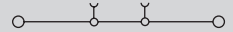
ZDU 16/S

16 mm²

Two connections



12 x 95 x 48.5
76 / 25
1.5...25



IEC 60947-7-1

| IEC | UL | CSA |
|-----|------------|------------|
| 400 | 600 | 300 |
| 76 | 65 | 65 |
| 16 | AWG 14...4 | AWG 14...4 |
| | 6 / 3 | |
| | A7 / V-0 | |



Rated connection

1.5...16 / 16...25
 1.5...16 / 1.5...16
 18 / 1.0 x 5.5 mm

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

| Type | Qty | Order No. |
|------------|-----|-------------------|
| ZDU 16S | 25 | 1739580000 |
| ZDU 16S BL | 25 | 1739590000 |

Spacing between mounting plates should be 200mm.

| Type | current | Qty | Order No. |
|----------------|---------|-----|-------------------|
| ZQV 16/2 | 76 A | 25 | 1739690000 |
| Width | | | |
| ZAP ZDU10/16S | 2 mm | 20 | 1739660000 |
| ZHP Z/W BL | 3 mm | 20 | 1745180000 |
| ZHP Z/W SO | 5 mm | 20 | 1781070000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| SD 1.0x5.5x150 | | 1 | 9008350000 |

DEK 5/5

Installation terminals

N-cross-connections with busbar system 10 x 3 mm.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|-------------------|
| Width/Length/height with TS35x7.5 | mm |
| max. current / max. cond. cross-section | A/mm ² |
| Max. clamping range | mm ² |




Technical data

| Rated data | |
|--|-----------------|
| Rated voltage | V |
| Rated current | A |
| Rated cross-section | mm ² |
| Rated impulse voltage / Pollution severity | kV/- |
| Gauge to IEC 60947-1 / UL94 Flammability class | |
| Approvals | |
| Clamped conductors (H05V/H07V) | |
| solid / stranded | mm ² |
| flexible / Stranded wire with end ferrules | mm ² |
| Stripping length / Blade size | mm/- |
| Note | |

Ordering data

| Version | |
|---------|------------------|
| | Dark beige Wemid |
| | Blue Wemid |
| Note | |

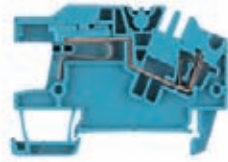
Accessories

| Pluggable cross-connection | |
|--|--|
|  | 2-pole |
| | 3-pole |
| | 4-pole |
| | 10-pole |
| | 20-/24-pole |
| End plate / partition | |
| | Dark beige Wemid |
| | Blue Wemid |
| Mounting plate for 10 x 3 (required every 20 cm) | |
|  | Blue Wemid |
| | For a vertical installation position |
| End bracket | |
| | Dark beige Wemid |
| Screwdriver | |
| | Standard |
| Busbar 10 x 3 (140 A) | |
| | OK, Busbar up to OK, TS35 = 25,5 mm |
| Clamping yoke for power supply to 10 x 3 busbars | |
|  | Rigid / flexible 0,5 - 6 / 4 mm ² |
| | rigid / flexible 6 - 16 mm ² |
| | Flexible 16 - 35 mm ² |
| Marking systems | |
| | (see assortment in catalogue 7) |
| | Marking tags |
| For detailed information on other accessories and applications, refer to the „Accessories“ section | |

ZNT 2.5 S

2.5 mm²

Two connections



5.1 x 62.5 x 44
24 / 4
0.13...4



IEC 60947-7-1

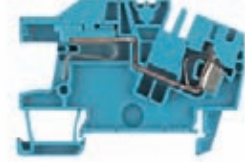
| IEC | UL | CSA |
|--|----------|-----|
| 250 | | |
| 24 | | |
| 2.5 | | |
| | 4 / 3 | |
| | A2 / V-0 | |
| Rated connection | | |
| 0.5...4 | | |
| 0.5...4 / 0.5...2.5 | | |
| 10 / 0.6 x 3.5 mm | | |
| The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S). | | |

| Type | Qty | Order No. |
|--|-----|------------|
| ZNT 2.5 S | 100 | 1808300000 |
| Spacing between mounting plates should be 200mm. | | |

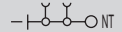
ZNT 4 S

4 mm²

Two connections



6.1 x 65.5 x 45.2
32 / 6
0.5...6



IEC 60947-7-1

| IEC | UL | CSA |
|--|----------|-----|
| 250 | | |
| 32 | | |
| 4 | | |
| | 4 / 3 | |
| | A3 / V-0 | |
| Rated connection | | |
| 0.5...6 | | |
| 0.5...4 / 0.5...4 | | |
| 10 / 0.6 x 3.5 mm | | |
| The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S). | | |

| Type | Qty | Order No. |
|--|-----|------------|
| ZNT 4 S | 100 | 1808310000 |
| Spacing between mounting plates should be 200mm. | | |

| Type | current | Qty | Order No. |
|----------------------|---------|-----|------------|
| ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| Width | | | |
| ZAP ZDU 2.5 S | 2 mm | 20 | 1808030000 |
| ZAP ZDU 2.5 S BL | 2 mm | 20 | 1808040000 |
| ZHP S | 3 mm | 20 | 1808290000 |
| ZHP S SO | 3 mm | 20 | 1808280000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| SSCH 10X3X1000 CU/SN | 10 mm | 1 | 0348900000 |
| ZB 4K BL | 6 mm | 50 | 0475380000 |
| ZB 16K BL | 10 mm | 50 | 0502880000 |
| ZB 35K BL M6X16 | 14 mm | 20 | 0502680000 |
| Width | | | |
| ZAP ZDU 4 S | 2 mm | 20 | 1808380000 |
| ZAP ZDU 4 S BL | 2 mm | 20 | 1808390000 |
| ZHP S | 3 mm | 20 | 1808290000 |
| ZHP S SO | 3 mm | 20 | 1808280000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| SSCH 10X3X1000 CU/SN | 10 mm | 1 | 0348900000 |
| ZB 4K BL | 6 mm | 50 | 0475380000 |
| ZB 16K BL | 10 mm | 50 | 0502880000 |
| ZB 35K BL M6X16 | 14 mm | 20 | 0502680000 |
| Width | | | |
| DEK 5/5 / WS 10/5 | | | |
| DEK 5/6 / WS 10/6 | | | |

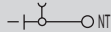
ZNT 6 S

6 mm²

Two connections



8.1 x 64.35 x 49.2
41 / 10
0.5...10



IEC 60947-7-1

| IEC | UL | CSA |
|-----|----------|-----|
| 250 | | |
| 41 | | |
| 6 | | |
| | 4 / 3 | |
| | A5 / V-0 | |



Rated connection

0.5...10
 0.5...10 / 0.5...6
 12 / 0.6 x 3.5 mm

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

| Type | Qty | Order No. |
|--|-----|-------------------|
| ZNT 6 S | 50 | 1808320000 |
| Spacing between mounting plates should be 200mm. | | |

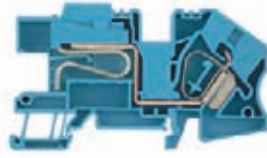
| Type | current | Qty | Order No. |
|----------------------|---------|-----|-------------------|
| ZQV 6/2 GE | 41 A | 60 | 1627850000 |
| ZQV 6/3 GE | 41 A | 60 | 1627860000 |
| ZQV 6/4 GE | 41 A | 60 | 1627870000 |
| ZQV 6/24 GE | 41 A | 10 | 1908990000 |
| Width | | | |
| ZAP ZDU 6 S | 2 mm | 20 | 1808250000 |
| ZAP ZDU 6 S BL | 2 mm | 20 | 1808260000 |
| ZHP S | 3 mm | 20 | 1808290000 |
| ZHP S SO | 3 mm | 20 | 1808280000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| SD 0.8x4.0x100 | | 1 | 9008340000 |
| SSCH 10X3X1000 CU/SN | 10 mm | 1 | 0348900000 |
| ZB 4K BL | 6 mm | 50 | 0475380000 |
| ZB 16K BL | 10 mm | 50 | 0502880000 |
| ZB 35K BL M6X16 | 14 mm | 20 | 0502680000 |

DEK 5/8 / WS 10/6

ZNT 10 S

10 mm²

Two connections



10 x 86.5 x 50
/ 16
1.3...16



IEC 60947-7-1

| IEC | UL | CSA |
|-----|------------|------------|
| 400 | 600 | 600 |
| 57 | 60 | 55 |
| 10 | AWG 16...6 | AWG 16...6 |
| | 6 / 3 | |
| | A6 / V-0 | |



Rated connection

1.5...16 / 1.5...16
 1.5...10 / 1.5...10
 18 / 1.0 x 5.5 mm

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

| Type | Qty | Order No. |
|--|-----|-------------------|
| ZNT 10S | 25 | 1739560000 |
| Spacing between mounting plates should be 200mm. | | |

| Type | current | Qty | Order No. |
|----------------------|---------|-----|-------------------|
| ZQV 16/2 | 76 A | 25 | 1739690000 |
| Width | | | |
| ZAP ZDU10/16S | 2 mm | 20 | 1739660000 |
| ZHP Z/W BL | 3 mm | 20 | 1745180000 |
| ZHP Z/W SO | 5 mm | 20 | 1781070000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| SD 1.0x5.5x150 | | 1 | 9008350000 |
| SSCH 10X3X1000 CU/SN | 10 mm | 1 | 0348900000 |
| ZB 4K BL | 6 mm | 50 | 0475380000 |
| ZB 16K BL | 10 mm | 50 | 0502880000 |
| ZB 35K BL M6X16 | 14 mm | 20 | 0502680000 |

DEK 5/5

Installation terminals

N-cross-connections with busbar system 10 x 3 mm.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|-------------------|
| Width/Length/height with TS35x7.5 | mm |
| max. current / max. cond. cross-section | A/mm ² |
| Max. clamping range | mm ² |




Technical data

| Rated data | |
|--|-----------------|
| Rated voltage | V |
| Rated current | A |
| Rated cross-section | mm ² |
| Rated impulse voltage / Pollution severity | kV/- |
| Gauge to IEC 60947-1 / UL94 Flammability class | |
| Approvals | |
| Clamped conductors (H05V/H07V) | |
| solid / stranded | mm ² |
| flexible / Stranded wire with end ferrules | mm ² |
| Stripping length / Blade size | mm/- |
| Note | |

Ordering data

| Version | |
|---------|------------------|
| | Dark beige Wemid |
| | Blue Wemid |
| Note | |

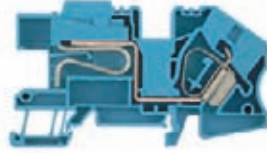
Accessories

| Pluggable cross-connection | |
|--|---|
|  | 2-pole 3-pole 4-pole 10-pole 20-/24-pole |
| End plate / partition | |
| | Dark beige Wemid Blue Wemid |
| Mounting plate for 10 x 3 (required every 20 cm) | |
|  | Blue Wemid For a vertical installation position |
| End bracket | |
| | Dark beige Wemid |
| Screwdriver | |
| | Standard |
| Busbar 10 x 3 (140 A) | |
| | OK, Busbar up to OK, TS35 = 25,5 mm |
| Clamping yoke for power supply to 10 x 3 busbars | |
|  | Rigid / flexible 0,5 - 6 / 4 mm ² rigid / flexible 6 - 16 mm ² Flexible 16 - 35 mm ² |
| Marking systems | |
| | (see assortment in catalogue 7) Marking tags |
| For detailed information on other accessories and applications, refer to the „Accessories“ section | |

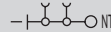
ZNT 16/S

16 mm²

Two connections



12 x 95 x 50
76 / 25
1.5...25



IEC 60947-7-1

| IEC | UL | CSA |
|----------|------------|------------|
| 400 | 600 | 600 |
| 76 | 65 | 65 |
| 16 | AWG 14...4 | AWG 14...4 |
| 6 / 3 | | |
| A7 / V-0 | | |



Rated connection

| |
|---------------------|
| 1.5...16 / 16...25 |
| 1.5...16 / 1.5...16 |
| 18 / 1.0 x 5.5 mm |

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

| Type | Qty | Order No. |
|--|-----|-------------------|
| ZNT 16S | 25 | 1739600000 |
| Spacing between mounting plates should be 200mm. | | |

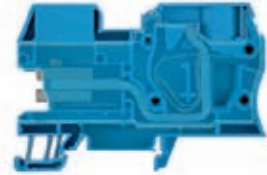
| Type | current | Qty | Order No. |
|----------------------|---------|-----|-------------------|
| ZQV 16/2 | 76 A | 25 | 1739690000 |
| Width | | | |
| ZAP ZDU10/16S | 2 mm | 20 | 1739660000 |
| Width | | | |
| ZHP Z/W BL | 3 mm | 20 | 1745180000 |
| ZHP Z/W SO | 5 mm | 20 | 1781070000 |
| Width | | | |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| SD 1.0x5.5x150 | | 1 | 9008350000 |
| SSCH 10X3X1000 CU/SN | 10 mm | 1 | 0348900000 |
| ZB 4K BL | 6 mm | 50 | 0475380000 |
| ZB 16K BL | 10 mm | 50 | 0502880000 |
| ZB 35/M6X16 | 14 mm | 20 | 0266500000 |

DEK 5/5

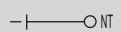
ZNT 35

35 mm²

Two connections



16 x 88.5 x 59
125 / 35
2.5...35



IEC 60947-7-1

| IEC | UL | CSA |
|----------|------------|------------|
| 400 | 600 | 300 |
| 125 | 120 | 120 |
| 35 | AWG 12...2 | AWG 12...2 |
| 6 / 3 | | |
| A8 / V-0 | | |



Rated connection

| |
|---------------------|
| 2.5...10 / 16...35 |
| 2.5...35 / 2.5...35 |
| 25 / 1.0 x 5.5 mm |

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

| Type | Qty | Order No. |
|--|-----|-------------------|
| ZNT 35 | 10 | 1739640000 |
| Spacing between mounting plates should be 200mm. | | |

| Type | Qty | Order No. |
|----------------------|-------|-----------|
| | | |
| | | |
| | | |
| | | |
| Width | | |
| ZHP Z/W BL | 3 mm | 20 |
| ZHP Z/W SO | 5 mm | 20 |
| Width | | |
| ZEW 35 | 6 mm | 20 |
| SD 1.0x5.5x150 | | 1 |
| SSCH 10X3X1000 CU/SN | 10 mm | 1 |
| ZB 4K BL | 6 mm | 50 |
| ZB 16K BL | 10 mm | 50 |
| ZB 35K BL M6X16 | 14 mm | 20 |

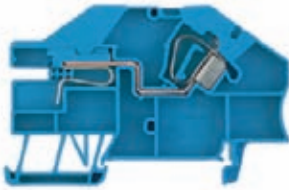
DEK 5/5

End plate is integrated.

ZDU 4 NT

4 mm²

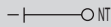
Modified busbar position



6.1 x 78.5 x 49.5

32 / 6

0.13...6



IEC 60947-7-1

| IEC | UL | CSA |
|-----|-------------|-------------|
| 250 | 300 | 300 |
| 32 | 10 | 10 |
| 4 | AWG 26...10 | AWG 26...10 |
| | 4 / 3 | |
| | A4 / V-0 | |



Rated connection

0.5...6

0.5...4 / 0.5...4

12 / 0.6 x 3.5 mm

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

| Type | Qty | Order No. |
|-------------|-----|------------|
| ZDU 4/NT DB | 50 | 1778080000 |
| ZDU 4/NT | 50 | 1757980000 |

Only for use with ZDU 2.5, ZDU 2.5/3 AN, ZDU 4, ZDU 6 and their PE variants.

| Type | Qty | Order No. |
|----------------------|-----------|------------|
| Width | | |
| ZAP ZDU4/NT | 1.5 mm 20 | 1757970000 |
| ZHP ZDU4/NT SO | 5 mm 20 | 1803890000 |
| ZEW 35 | 6 mm 20 | 9540000000 |
| SD 0.6x3.5x100 | 1 | 9008330000 |
| SSCH 10X3X1000 CU/SN | 10 mm 1 | 0348900000 |
| ZB 4K BL | 6 mm 50 | 0475380000 |
| ZB 16K BL | 10 mm 50 | 0502880000 |
| ZB 35K BL M6X16 | 14 mm 20 | 0502680000 |

DEK 5/5 / WS 15/5

ZDU 10 NT

10 mm²

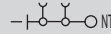
Modified busbar position



10 x 86.5 x 50

57 / 16

1.3...16



IEC 60947-7-1

| IEC | UL | CSA |
|-----|------------|------------|
| 250 | | |
| 57 | | |
| 10 | AWG 16...6 | AWG 16...6 |
| | 4 / 3 | |
| | A6 / V-0 | |



Rated connection

1.5...10 / 1.5...16

1.5...10 / 1.5...10

18 / 1.0 x 5.5 mm

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

| Type | Qty | Order No. |
|-----------|-----|------------|
| ZDU 10/NT | 25 | 1762420000 |

Only for use with ZDU 2.5, ZDU 2.5/3 AN, ZDU 4, ZDU 6 and their PE variants.

| Type | current | Qty | Order No. |
|----------------------|---------|-----|------------|
| ZQV 10/2 | 17.5 A | 25 | 1739680000 |
| Width | | | |
| ZAP ZDU10/16S | 2 mm | 20 | 1739660000 |
| ZHP ZDU4/NT SO | 5 mm | 20 | 1803890000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| SD 1.0x5.5x150 | 1 | | 9008350000 |
| SSCH 10X3X1000 CU/SN | 10 mm | 1 | 0348900000 |
| ZB 4K BL | 6 mm | 50 | 0475380000 |
| ZB 16K BL | 10 mm | 50 | 0502880000 |
| ZB 35K BL M6X16 | 14 mm | 20 | 0502680000 |

DEK 5/6 / WS 12/5

Installation terminals

N-cross-connections with busbar system 10 x 3 mm.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|-------------------|
| Width/Length/height with TS35x7.5 | mm |
| max. current / max. cond. cross-section | A/mm ² |
| Max. clamping range | mm ² |

Technical data

| Rated data | |
|--|-----------------|
| Rated voltage | V |
| Rated cross-section | mm ² |
| Rated impulse voltage / Pollution severity | kV/- |
| Gauge to IEC 60947-1 / UL94 Flammability class | |
| Approvals | |
| Clamped conductors (H05V/H07V) | |
| solid / stranded | mm ² |
| flexible / Stranded wire with end ferrules | mm ² |
| Stripping length / Blade size | mm/- |
| Note | |

Ordering data

| Version |
|--------------------|
| green/yellow Wemid |
| Note |

Accessories

| | |
|---|--|
| End plate / partition | Dark beige Wemid |
| Mounting plate for 10 x 3 (required every 20 cm) | Blue Wemid For a vertical installation position |
| End bracket | Dark beige Wemid |
| Screwdriver | Standard |

Marking systems (see assortment in catalogue 7)
Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section

ZPE 2.5 S

2.5 mm²

Two connections



| |
|-----------------|
| 5.1 x 62.5 x 44 |
| / 4 |
| 0.5...4 |

IEC 60947-7-2

| IEC | UL | CSA |
|--|----------|-----|
| 400 | | |
| 2.5 | | |
| | 6 / 3 | |
| | A2 / V-0 | |
| Rated connection | | |
| 0.5...4 | | |
| 0.5...4 / 0.5...2.5 | | |
| 10 / 0.6 x 3.5 mm | | |
| The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S). | | |

| Type | Qty | Order No. |
|--|-----|------------|
| ZPE 2.5 S | 100 | 1808330000 |
| Spacing between mounting plates should be 200mm. | | |

| Type | Width | Qty | Order No. |
|----------------|-------|-----|------------|
| ZAP ZDU 2.5 S | 2 mm | 20 | 1808030000 |
| ZHP S | 3 mm | 20 | 1808290000 |
| ZHP S SO | 3 mm | 20 | 1808280000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |

DEK 5/5 / WS 10/5

ZPE 4 S

4 mm²

Two connections



| |
|-------------------|
| 6.1 x 65.5 x 45.2 |
| / 6 |
| 0.5...6 |

IEC 60947-7-2

| IEC | UL | CSA |
|--|----------|-----|
| 400 | | |
| 4 | | |
| | 6 / 3 | |
| | A3 / V-0 | |
| Rated connection | | |
| 0.5...6 | | |
| 0.5...4 / 0.5...4 | | |
| 10 / 0.6 x 3.5 mm | | |
| The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S). | | |

| Type | Qty | Order No. |
|--|-----|------------|
| ZPE 4 S | 100 | 1808340000 |
| Spacing between mounting plates should be 200mm. | | |

| Type | Width | Qty | Order No. |
|----------------|-------|-----|------------|
| ZAP ZDU 4 S | 2 mm | 20 | 1808380000 |
| ZHP S | 3 mm | 20 | 1808290000 |
| ZHP S SO | 3 mm | 20 | 1808280000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |

DEK 5/6 / WS 10/6

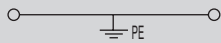
ZPE 6 S

6 mm²

Two connections



8.1 x 65.5 x 49.2
/ 10
0.5...10



IEC 60947-7-2

| IEC | UL | CSA |
|-----|----------|-----|
| 400 | | |
| 6 | | |
| | 6 / 3 | |
| | A5 / V-0 | |



Rated connection

0.5...10
0.5...10 / 0.5...6
12 / 0.6 x 3.5 mm

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

| Type | Qty | Order No. |
|--|-----|-------------------|
| ZPE 6 S | 100 | 1808350000 |
| Spacing between mounting plates should be 200mm. | | |

| Type | Width | Qty | Order No. |
|----------------|-------|-----|-------------------|
| ZAP ZDU 6 S | 2 mm | 20 | 1808250000 |
| ZHP S | 3 mm | 20 | 1808290000 |
| ZHP S SO | 3 mm | 20 | 1808280000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |

DEK 5/8 / WS 10/6

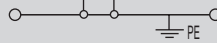
ZPE 10/S

10 mm²

Two connections



10 x 86.5 x 48.5
/ 16
1.3...16



IEC 60947-7-2

| IEC | UL | CSA |
|-----|------------|------------|
| 400 | | |
| 10 | AWG 16...6 | AWG 16...6 |
| | 6 / 3 | |
| | A6 / V-0 | |



Rated connection

1.5...16 / 1.5...16
1.5...10 / 1.5...10
18 / 1.0 x 5.5 mm

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

| Type | Qty | Order No. |
|--|-----|-------------------|
| ZPE 10S | 25 | 1739570000 |
| Spacing between mounting plates should be 200mm. | | |

| Type | Width | Qty | Order No. |
|----------------|-------|-----|-------------------|
| ZAP ZDU10/16S | 2 mm | 20 | 1739660000 |
| ZHP Z/W BL | 3 mm | 20 | 1745180000 |
| ZHP Z/W SO | 5 mm | 20 | 1781070000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| SD 1.0x5.5x150 | | 1 | 9008350000 |

DEK 5/5 / WS 10/5

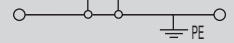
ZPE 16/S

16 mm²

Two connections



12 x 95 x 48
/ 25
1.5...25



IEC 60947-7-2

| IEC | UL | CSA |
|-----|------------|------------|
| 400 | | |
| 16 | AWG 14...4 | AWG 14...4 |
| | 6 / 3 | |
| | A7 / V-0 | |



Rated connection

1.5...16 / 16...25
1.5...16 / 1.5...16
18 / 1.0 x 5.5 mm

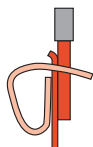
To maintain the current-carrying capacity of the terminal rail, use the TS 35 x 15.

| Type | Qty | Order No. |
|--|-----|-------------------|
| ZPE 16S | 25 | 1739610000 |
| Spacing between mounting plates should be 200mm. | | |

| Type | Width | Qty | Order No. |
|----------------|-------|-----|-------------------|
| ZAP ZDU10/16S | 2 mm | 20 | 1739660000 |
| ZHP Z/W BL | 3 mm | 20 | 1745180000 |
| ZHP Z/W SO | 5 mm | 20 | 1781070000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| SD 1.0x5.5x150 | | 1 | 9008350000 |

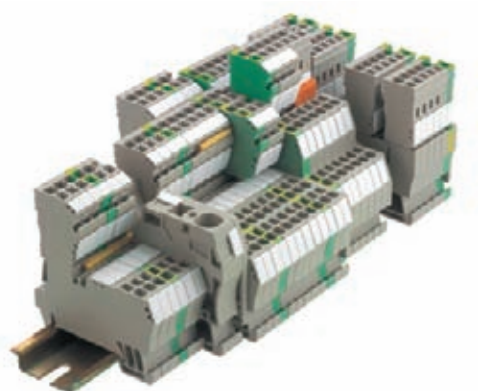
DEK 5/5

WeiCoS



Pluggable terminals with tension clamp

The need was clearly defined: a means of rapidly and correctly connecting prefabricated functional units – such as lamps and door controls, roll back looms and control cabinets – to the existing installation. The solution: Weidmüller's pluggable terminal system.



D The basic principle is beautifully simple:

One DIN terminal rail for the functional unit and one plug-in connector for producing the cable harness. In the final assembly, the two units are simply snapped into each other – like plug-in connectors. That's all there is to it!

Whether for traffic, mechanical engineering or shipbuilding, Weidmüller's Z series offers all these areas optimum service. It is quick, reliable and simple to connect, ensures trouble-free handling and is practical in system use. Modular and flexible connection technology is required particularly where entire functional units are to be prefabricated or re-assembled.

This is where WeiCoS comes in – **Weidmüller Connection System** – the new generation of pluggable terminals. Here Weidmüller has attached great importance to cleverly thought out technology.

The convincing advantages of this technology:

Quick mounting, functional units tested in the factory, quick and easy replacement or on-site re-assembly, of functional units.

Rational installation of modular components

Modular components form the basic elements of production systems according to the modular principle. They bring dramatic reductions in costly final assembly time and allow for rapid replacement during maintenance and servicing. WeiCoS is tailor-made for these applications.

Product overview

| Rated cross-section | 2,5 mm ² | 4 mm ² |
|---|---------------------|-------------------|
| Feed-through terminals | | |
| 1 tension clamp connection / 1 pluggable connection | • | • |
| 2 tension clamp connections / 1 pluggable connection | • | |
| 2 tension clamp connections / 2 pluggable connections | • | • |
| 4 pluggable connections | • | |
| Protective earth terminals | | |
| 1 tension clamp connection / 1 pluggable connection | • | • |
| 2 tension clamp connections / 1 pluggable connection | • | |
| 2 tension clamp connections / 2 pluggable connections | • | • |
| 4 pluggable connections | • | |
| Double level terminals | | |
| Feed-through | • | |
| Feed-through / protective earth | • | |
| Protective earth | • | |
| Test-disconnect terminals | | |
| 2 tension clamp connections / 2 pluggable connections | • | |
| Plug-in connector | | |
| 1 tension clamp connection without cross-connection channel | • | • |
| 1 tension clamp connection with cross-connection channel | • | |
| 2 tension clamp connections with cross-connection channel | • | |

1 The tension clamp connection

The terminal has a tension clamp connector providing galvanic isolation.

- Steel tension clamp provides optimum contact forces
- Copper busbars for minimum through resistance



2 Pluggable cross-connection

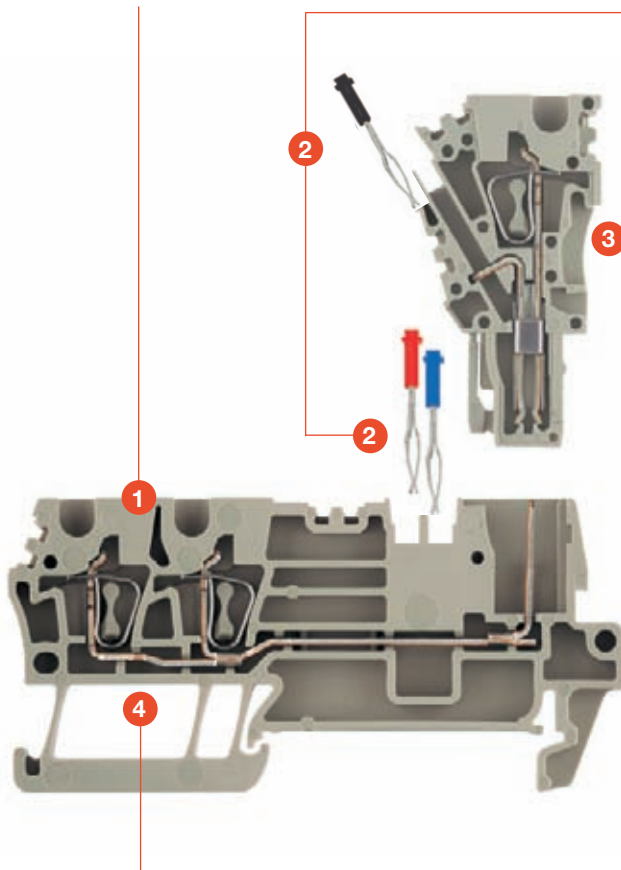
- 2- to 10-pole or “continuous” for individual assembly
- Full rated current
- Breakout poles for alternate terminals
- Up to three potentials possible



3 The pluggable connection

The tensioned steel contact is also in accordance with Weidmüller’s principle of separating electrical and mechanical functions for galvanic isolation.

- Maintenance-free connection
- 100 % vibration proof
- High contact forces



Wemid insulation

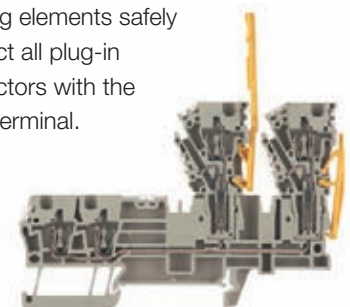
- Resistant to creepage CTI 600
- Temperature resistant up to 120 °C
- Flammability class V0 to UL94
- Halogen and phosphorous free

Safe contacts

- Maintenance-free connection for lifelong safe contact
- Gas-proof contact area
- Surface-treated busbar for protection from oxidation
- 100 % vibration proof

Safe locking

Locking elements safely connect all plug-in connectors with the basic terminal.



4 Easy to use

Practical connection with parallel conductor inset and screwdriver actuation:

- No special tools needed
- Integral test point
- Generous clamping range to IEC 601984



Supply

Supply comes from standard Z-Series terminals or a supply terminal e.g. ZEI 16.



Pluggable standard terminals WeiCoS

Feed-through terminals

WeiCoS - plug-in modular terminals for conductor cross-sections 0.13 to 4 mm².

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|-------------------|
| Width/Length/height with TS35x7.5 | mm |
| max. current / max. cond. cross-section | A/mm ² |
| Max. clamping range | mm ² |

Technical data

| Rated data | |
|--|-----------------|
| Rated voltage | V |
| max. voltage of pluggable system | V |
| Rated current | A |
| Rated cross-section | mm ² |
| Rated impulse voltage / Pollution severity | kV/- |
| Gauge to IEC 60947-1 / UL94 Flammability class | |
| Approvals | |
| Clamped conductors (H05V/H07V) | |
| solid / stranded | mm ² |
| flexible / Stranded wire with end ferrules | mm ² |
| Stripping length / Blade size | mm/- |

Note

Ordering data

| Base terminal | |
|-------------------|------------------|
| | Dark beige Wemid |
| Plug-in connector | |
| 1-pole | |
| 2-pole | |
| 3-pole | |
| 4-pole | |
| 5-pole | |
| 6-pole | |
| 7-pole | |
| 8-pole | |
| 9-pole | |
| 10-pole | |
| Note | |

Accessories

| Pluggable cross-connection | |
|--|---------------------------------|
| 2-pole | |
| 3-pole | |
| 4-pole | |
| 10-pole | |
| 20-/24-pole | |
| End plate / partition | |
| | Dark beige Wemid |
| | Orange Wemid |
| Test adapter | |
| | Standard |
| | With assembly peg |
| Miscellaneous accessories, WeiCoS | |
| | Locking element |
| | Coding element |
| | Strain relief |
| Screwdriver | |
| | Standard |
| Marking systems | |
| | (see assortment in catalogue 7) |
| | Marking tags |
| For detailed information on other accessories and applications, refer to the „Accessories“ section | |

ZT 2.5/2AN/1

2.5 mm²

1 tension clamp conn. / 1 push-on conn.



| |
|---------------|
| 5.1 x 58 x 35 |
| 24 / 4 |
| 0.13...4 |

IEC 60947-7-1 / IEC 61984

| IEC | UL | CSA |
|----------|-------------|-------------|
| 500 | 300 | 300 |
| 690 | | |
| 24 | 20 | 20 |
| 2.5 | AWG 26...12 | AWG 26...12 |
| 6 / 3 | | |
| A2 / V-0 | | |

| Rated connection | | Plug-in connection | |
|---------------------|--|---------------------|--|
| 0.5...4 | | 0.5...4 | |
| 0.5...4 / 0.5...2.5 | | 0.5...4 / 0.5...2.5 | |
| 10 / 0.6 x 3.5 mm | | 10 / 0.6 x 3.5 mm | |

2.5 mm² - flexible conductors with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600V / 5A

| Type | Qty | Order No. |
|------------------|-----|------------|
| ZT 2.5/2AN/1 | 50 | 1815070000 |
| Type | | |
| Type | Qty | Order No. |
| ZP 2.5/1AN/QV/1 | 50 | 1815190000 |
| ZP 2.5/1AN/QV/2 | 25 | 1815200000 |
| ZP 2.5/1AN/QV/3 | 25 | 1815210000 |
| ZP 2.5/1AN/QV/4 | 25 | 1815220000 |
| ZP 2.5/1AN/QV/5 | 25 | 1815230000 |
| ZP 2.5/1AN/QV/6 | 25 | 1815240000 |
| ZP 2.5/1AN/QV/7 | 25 | 1815250000 |
| ZP 2.5/1AN/QV/8 | 20 | 1815260000 |
| ZP 2.5/1AN/QV/9 | 20 | 1815270000 |
| ZP 2.5/1AN/QV/10 | 20 | 1815280000 |

| Type | current | Qty | Order No. |
|---------------------|---------|-----|------------|
| ZQV 2.5N/2 GE | 24 A | 60 | 1693800000 |
| ZQV 2.5N/3 GE | 24 A | 60 | 1693810000 |
| ZQV 2.5N/4 GE | 24 A | 60 | 1693820000 |
| ZQV 2.5N/10 GE | 24 A | 20 | 1693880000 |
| ZQV 2.5N/20 GE | 24 A | 20 | 1909000000 |
| Width | | | |
| ZAP/TW ZT2.5/2AN | 2.5 mm | 50 | 1816030000 |
| ZAP/TW ZT2.5/2AN OR | 2.5 mm | 50 | 1816040000 |
| Width | | | |
| ZTA ZT2.5 | 5.1 mm | 25 | 1827080000 |
| ZTA ZT2.5/ZA | 5.1 mm | 25 | 1847600000 |
| ZVR ZP2.5 | | 25 | 1816130000 |
| KOSF ZT2.5 | | 50 | 1816150000 |
| ZZE ZP2.5 | | 25 | 1816140000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |

DEK 5/6 / WS 10/5

ZT 2.5/3AN/1

2.5 mm²

2 tension clamp connections / 1 push-on connection



| |
|-----------------|
| 5.1 x 71.5 x 35 |
| 24 / 4 |
| 0.13...4 |

IEC 60947-7-1 / IEC 61984

| IEC | UL | CSA |
|----------|-------------|-------------|
| 500 | 300 | 300 |
| 690 | | |
| 24 | 20 | 20 |
| 2.5 | AWG 26...12 | AWG 26...12 |
| 6 / 3 | | |
| A2 / V-0 | | |

| Rated connection | | Plug-in connection | |
|---------------------|--|---------------------|--|
| 0.5...4 | | 0.5...4 | |
| 0.5...4 / 0.5...2.5 | | 0.5...4 / 0.5...2.5 | |
| 10 / 0.6 x 3.5 mm | | 10 / 0.6 x 3.5 mm | |

2.5 mm² - flexible conductors with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600V / 5A

| Type | Qty | Order No. |
|------------------|-----|------------|
| ZT 2.5/3AN/1 | 50 | 1815090000 |
| Type | | |
| Type | Qty | Order No. |
| ZP 2.5/1AN/QV/1 | 50 | 1815190000 |
| ZP 2.5/1AN/QV/2 | 25 | 1815200000 |
| ZP 2.5/1AN/QV/3 | 25 | 1815210000 |
| ZP 2.5/1AN/QV/4 | 25 | 1815220000 |
| ZP 2.5/1AN/QV/5 | 25 | 1815230000 |
| ZP 2.5/1AN/QV/6 | 25 | 1815240000 |
| ZP 2.5/1AN/QV/7 | 25 | 1815250000 |
| ZP 2.5/1AN/QV/8 | 20 | 1815260000 |
| ZP 2.5/1AN/QV/9 | 20 | 1815270000 |
| ZP 2.5/1AN/QV/10 | 20 | 1815280000 |

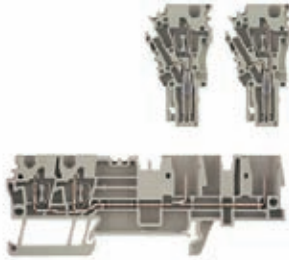
| Type | current | Qty | Order No. |
|---------------------|---------|-----|------------|
| ZQV 2.5N/2 GE | 24 A | 60 | 1693800000 |
| ZQV 2.5N/3 GE | 24 A | 60 | 1693810000 |
| ZQV 2.5N/4 GE | 24 A | 60 | 1693820000 |
| ZQV 2.5N/10 GE | 24 A | 20 | 1693880000 |
| ZQV 2.5N/20 GE | 24 A | 20 | 1909000000 |
| Width | | | |
| ZAP/TW ZT2.5/3AN | 2.5 mm | 50 | 1816050000 |
| ZAP/TW ZT2.5/3AN OR | 2.5 mm | 50 | 1816060000 |
| Width | | | |
| ZTA ZT2.5 | 5.1 mm | 25 | 1827080000 |
| ZTA ZT2.5/ZA | 5.1 mm | 25 | 1847600000 |
| ZVR ZP2.5 | | 25 | 1816130000 |
| KOSF ZT2.5 | | 50 | 1816150000 |
| ZZE ZP2.5 | | 25 | 1816140000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |

DEK 5/5 / WS 10/5

ZT 2.5/4AN/2

2.5 mm²

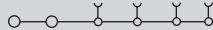
2 tension clamp conn. / 2 push-on conn.



5.1 x 93 x 35

24 / 4

0.13...4



IEC 60947-7-1 / IEC 61984

| IEC | UL | CSA |
|----------|-------------|-------------|
| 500 | 300 | 300 |
| 690 | | |
| 24 | 20 | 20 |
| 2.5 | AWG 26...12 | AWG 26...12 |
| 6 / 3 | | |
| A2 / V-0 | | |



| Rated connection | Plug-in connection |
|---------------------|---------------------|
| 0.5...4 | 0.5...4 |
| 0.5...4 / 0.5...2.5 | 0.5...4 / 0.5...2.5 |
| 10 / 0.6 x 3.5 mm | 10 / 0.6 x 3.5 mm |

2.5 mm² - flexible conductors with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600V / 5A

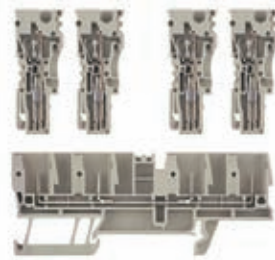
| Type | Qty | Order No. |
|------------------|-----|------------|
| ZT 2.5/4AN/2 | 50 | 1815110000 |
| Type | Qty | Order No. |
| ZP 2.5/1AN/QV/1 | 50 | 1815190000 |
| ZP 2.5/1AN/QV/2 | 25 | 1815200000 |
| ZP 2.5/1AN/QV/3 | 25 | 1815210000 |
| ZP 2.5/1AN/QV/4 | 25 | 1815220000 |
| ZP 2.5/1AN/QV/5 | 25 | 1815230000 |
| ZP 2.5/1AN/QV/6 | 25 | 1815240000 |
| ZP 2.5/1AN/QV/7 | 25 | 1815250000 |
| ZP 2.5/1AN/QV/8 | 20 | 1815260000 |
| ZP 2.5/1AN/QV/9 | 20 | 1815270000 |
| ZP 2.5/1AN/QV/10 | 20 | 1815280000 |

| Type | current | Qty | Order No. |
|-----------------------|---------|------------|------------|
| ZQV 2.5N/2 GE | 24 A | 60 | 1693800000 |
| ZQV 2.5N/3 GE | 24 A | 60 | 1693810000 |
| ZQV 2.5N/4 GE | 24 A | 60 | 1693820000 |
| ZQV 2.5N/10 GE | 24 A | 20 | 1693880000 |
| ZQV 2.5N/20 GE | 24 A | 20 | 1909000000 |
| Width | | | |
| ZAP/TW ZT2.5/4AN/2 | 2.5 mm | 50 | 1816070000 |
| ZAP/TW ZT2.5/4AN/2 OR | 2.5 mm | 50 | 1816080000 |
| ZTA ZT2.5 | 5.1 mm | 25 | 1827080000 |
| ZTA ZT2.5/ZA | 5.1 mm | 25 | 1847600000 |
| ZVR ZP2.5 | 25 | 1816130000 | |
| KOSF ZT2.5 | 50 | 1816150000 | |
| ZZE ZP2.5 | 25 | 1816140000 | |
| SD 0.6x3.5x100 | 1 | 9008330000 | |
| DEK 5/5 / WS 10/5 | | | |

ZT 2.5/4AN/4

2.5 mm²

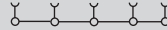
4 push-on connections



5.1 x 85.5 x 35

24 /

...



IEC 60947-7-1 / IEC 61984

| IEC | UL | CSA |
|-------|-------------|-------------|
| 500 | 300 | 300 |
| 690 | | |
| 24 | 20 | 20 |
| 2.5 | AWG 26...12 | AWG 26...12 |
| 6 / 3 | | |
| / V-0 | | |



| Rated connection | Plug-in connection |
|---------------------|---------------------|
| 0.5...4 | 0.5...4 |
| 0.5...4 / 0.5...2.5 | 0.5...4 / 0.5...2.5 |
| 10 / 0.6 x 3.5 mm | 10 / 0.6 x 3.5 mm |

2.5 mm² - flexible conductors with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600V / 5A

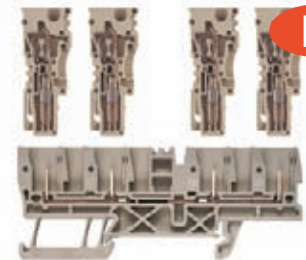
| Type | Qty | Order No. |
|---------------|-----|------------|
| ZT 2.5/4AN/4 | 50 | 1815130000 |
| Type | Qty | Order No. |
| ZP 2.5/1AN/1 | 50 | 1815430000 |
| ZP 2.5/1AN/2 | 25 | 1815440000 |
| ZP 2.5/1AN/3 | 25 | 1815450000 |
| ZP 2.5/1AN/4 | 25 | 1815500000 |
| ZP 2.5/1AN/5 | 25 | 1815510000 |
| ZP 2.5/1AN/6 | 25 | 1815520000 |
| ZP 2.5/1AN/7 | 25 | 1815530000 |
| ZP 2.5/1AN/8 | 20 | 1815540000 |
| ZP 2.5/1AN/9 | 20 | 1815550000 |
| ZP 2.5/1AN/10 | 20 | 1815560000 |

| Type | current | Qty | Order No. |
|-----------------------|---------|------------|------------|
| ZQV 2.5N/2 GE | 24 A | 60 | 1693800000 |
| ZQV 2.5N/3 GE | 24 A | 60 | 1693810000 |
| ZQV 2.5N/4 GE | 24 A | 60 | 1693820000 |
| ZQV 2.5N/10 GE | 24 A | 20 | 1693880000 |
| ZQV 2.5N/20 GE | 24 A | 20 | 1909000000 |
| Width | | | |
| ZAP/TW ZT2.5/4AN/4 | 2.5 mm | 50 | 1816090000 |
| ZAP/TW ZT2.5/4AN/4 OR | 2.5 mm | 50 | 1816100000 |
| ZTA ZT2.5 | 5.1 mm | 25 | 1827080000 |
| ZTA ZT2.5/ZA | 5.1 mm | 25 | 1847600000 |
| ZVR ZP2.5 | 25 | 1816130000 | |
| KOSF ZT2.5 | 50 | 1816150000 | |
| ZZE ZP2.5 | 25 | 1816140000 | |
| SD 0.6x3.5x100 | 1 | 9008330000 | |
| DEK 5/5 / WS 10/5 | | | |

ZT 2.5/2x2AN

2.5 mm²

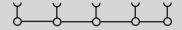
2 x 2 connections



5.1 x x 35

24 /

...



IEC 60947-7-1 / IEC 61984

| IEC | UL | CSA |
|-------|-------------|-------------|
| 500 | 300 | 300 |
| 690 | | |
| 24 | 20 | 20 |
| 2.5 | AWG 26...12 | AWG 26...12 |
| 6 / 3 | | |
| / V-0 | | |



| Rated connection | Plug-in connection |
|---------------------|---------------------|
| 0.5...4 | 0.5...4 |
| 0.5...4 / 0.5...2.5 | 0.5...4 / 0.5...2.5 |
| 10 / 0.6 x 3.5 mm | 10 / 0.6 x 3.5 mm |

2.5 mm² - flexible conductors with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600V / 5A

| Type | Qty | Order No. |
|---------------|-----|------------|
| ZT 2.5/2x2AN | 50 | 1967200000 |
| Type | Qty | Order No. |
| ZP 2.5/1AN/1 | 50 | 1815430000 |
| ZP 2.5/1AN/2 | 25 | 1815440000 |
| ZP 2.5/1AN/3 | 25 | 1815450000 |
| ZP 2.5/1AN/4 | 25 | 1815500000 |
| ZP 2.5/1AN/5 | 25 | 1815510000 |
| ZP 2.5/1AN/6 | 25 | 1815520000 |
| ZP 2.5/1AN/7 | 25 | 1815530000 |
| ZP 2.5/1AN/8 | 20 | 1815540000 |
| ZP 2.5/1AN/9 | 20 | 1815550000 |
| ZP 2.5/1AN/10 | 20 | 1815560000 |

| Type | current | Qty | Order No. |
|-----------------------|---------|------------|------------|
| ZQV 2.5N/2 GE | 24 A | 60 | 1693800000 |
| ZQV 2.5N/3 GE | 24 A | 60 | 1693810000 |
| ZQV 2.5N/4 GE | 24 A | 60 | 1693820000 |
| ZQV 2.5N/10 GE | 24 A | 20 | 1693880000 |
| ZQV 2.5N/20 GE | 24 A | 20 | 1909000000 |
| Width | | | |
| ZAP/TW ZT2.5/4AN/4 | 2.5 mm | 50 | 1816090000 |
| ZAP/TW ZT2.5/4AN/4 OR | 2.5 mm | 50 | 1816100000 |
| ZTA ZT2.5 | 5.1 mm | 25 | 1827080000 |
| ZTA ZT2.5/ZA | 5.1 mm | 25 | 1847600000 |
| ZVR ZP2.5 | 25 | 1816130000 | |
| KOSF ZT2.5 | 50 | 1816150000 | |
| ZZE ZP2.5 | 25 | 1816140000 | |
| SD 0.6x3.5x100 | 1 | 9008330000 | |
| DEK 5/5 / WS 10/5 | | | |

Pluggable standard terminals WeiCoS

Feed-through terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|-------------------|
| Width/Length/height with TS35x7.5 | mm |
| max. current / max. cond. cross-section | A/mm ² |
| Max. clamping range | mm ² |

Technical data

| Rated data | |
|--|-----------------|
| Rated voltage | V |
| max. voltage of pluggable system | V |
| Rated current | A |
| Rated cross-section | mm ² |
| Rated impulse voltage / Pollution severity | kV/- |
| Gauge to IEC 60947-1 / UL94 Flammability class | |
| Approvals | |
| Clamped conductors (H05V/H07V) | |
| solid / stranded | mm ² |
| flexible / Stranded wire with end ferrules | mm ² |
| Stripping length / Blade size | mm/- |

Note

Ordering data

| Base terminal | |
|-------------------|------------------|
| | Dark beige Wemid |
| Plug-in connector | |
| | 1-pole |
| | 2-pole |
| | 3-pole |
| | 4-pole |
| | 5-pole |
| | 6-pole |
| | 7-pole |
| | 8-pole |
| | 9-pole |
| | 10-pole |

Note

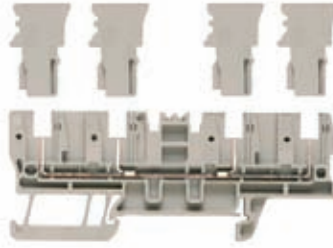
Accessories

| Pluggable cross-connection | |
|--|---------------------------------|
| | 2-pole |
| | 3-pole |
| | 4-pole |
| | 10-pole |
| | 20-/24-pole |
| End plate / partition | |
| | Dark beige Wemid |
| | Orange Wemid |
| Test adapter | |
| | Standard |
| | With assembly peg |
| Miscellaneous accessories, WeiCoS | |
| | Locking element |
| | Coding element |
| | Strain relief |
| Screwdriver | |
| | Standard |
| Marking systems | |
| | (see assortment in catalogue 7) |
| | Marking tags |
| For detailed information on other accessories and applications, refer to the „Accessories“ section | |

ZTC 2.5/4AN/4

2.5 mm²

4 push-on connections



5.1 x 85.5 x 45.4

/ 2.5

0.5...2.5



| IEC | UL | CSA |
|------------------|-------|--------------------|
| 250 | | |
| 24 | | |
| 2.5 | | |
| | 4 / 2 | |
| | / V-0 | |
| Rated connection | | Plug-in connection |
| 0.5...2.5 | | |

| Type | Qty | Order No. |
|----------------|-----|------------|
| ZTC 2.5/4AN/4 | 50 | 1898450000 |
| Type | Qty | Order No. |
| STGH ZPC2.5 DB | 50 | 2321640000 |

| Type | current | Qty | Order No. |
|-----------------------|---------|-----|------------|
| ZQV 2.5N/2 GE | 24 A | 60 | 1693800000 |
| ZQV 2.5N/3 GE | 24 A | 60 | 1693810000 |
| ZQV 2.5N/4 GE | 24 A | 60 | 1693820000 |
| ZQV 2.5N/10 GE | 24 A | 20 | 1693880000 |
| ZQV 2.5N/20 GE | 24 A | 20 | 1909000000 |
| Width | | | |
| ZAP/TW ZT2.5/4AN/4 | 2.5 mm | 50 | 1816090000 |
| ZAP/TW ZT2.5/4AN/4 OR | 2.5 mm | 50 | 1816100000 |
| DEK 5/5 / WS 10/5 | | | |

Feed-through terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|-------------------|
| Width/Length/height with TS35x7.5 | mm |
| max. current / max. cond. cross-section | A/mm ² |
| Max. clamping range | mm ² |

Technical data

| Rated data | |
|--|-----------------|
| Rated voltage | V |
| max. voltage of pluggable system | V |
| Rated current | A |
| Rated cross-section | mm ² |
| Rated impulse voltage / Pollution severity | kV/- |
| Gauge to IEC 60947-1 / UL94 Flammability class | |
| Approvals | |
| Clamped conductors (H05V/H07V) | |
| solid / stranded | mm ² |
| flexible / Stranded wire with end ferrules | mm ² |
| Stripping length / Blade size | mm/- |

Note

Ordering data

| Base terminal | |
|-------------------|------------------|
| | Dark beige Wemid |
| Plug-in connector | |
| 1-pole | |
| 2-pole | |
| 3-pole | |
| 4-pole | |
| 5-pole | |
| 6-pole | |
| 7-pole | |
| 8-pole | |
| 9-pole | |
| 10-pole | |

Note

Accessories

| Pluggable cross-connection | |
|--|--|
| 2-pole | |
| 3-pole | |
| 4-pole | |
| 10-pole | |
| 20-/24-pole | |
| End plate / partition | |
| Dark beige Wemid | |
| Orange Wemid | |
| Test adapter | |
| Standard | |
| With assembly peg | |
| Miscellaneous accessories, WeiCoS | |
| Locking element | |
| Coding element | |
| Strain relief | |
| Screwdriver | |
| Standard | |
| Marking systems (see assortment in catalogue 7) | |
| Marking tags | |
| For detailed information on other accessories and applications, refer to the „Accessories“ section | |

ZT 4/2AN/1

4 mm²

1 tension clamp conn. / 1 push-on conn.



| | |
|-----------------|--|
| 6.5 x 58 x 48.5 | |
| 32 / 6 | |
| 0.13...6 | |

IEC 60947-7-1 / IEC 61984

| IEC | UL | CSA |
|----------|-------------|-------------|
| 800 | 600 | 600 |
| 800 | | |
| 32 | 28 | 28 |
| 4 | AWG 26...10 | AWG 26...10 |
| 8 / 3 | | |
| A3 / V-0 | | |



| Rated connection | Plug-in connection |
|-------------------|--------------------|
| 0.5...6 | 0.5...4 |
| 0.5...6 / 0.5...4 | 0.5...6 / 0.5...4 |
| 12 / 0.6 x 3.5 mm | 12 / 0.6 x 3.5 mm |

CSA current and voltage according to Gr. C

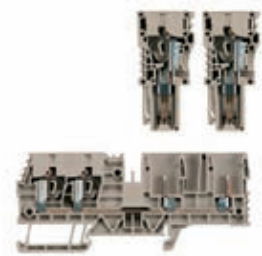
| Type | Qty | Order No. |
|-------------|-----|------------|
| ZT 4/2AN/1 | 50 | 1854960000 |
| Type | Qty | Order No. |
| ZP 4/1AN/1 | 50 | 1848340000 |
| ZP 4/1AN/2 | 25 | 1854990000 |
| ZP 4/1AN/3 | 25 | 1855000000 |
| ZP 4/1AN/4 | 25 | 1855010000 |
| ZP 4/1AN/5 | 20 | 1855020000 |
| ZP 4/1AN/6 | 20 | 1855030000 |
| ZP 4/1AN/7 | 20 | 1855040000 |
| ZP 4/1AN/8 | 20 | 1855050000 |
| ZP 4/1AN/9 | 10 | 1855060000 |
| ZP 4/1AN/10 | 10 | 1855070000 |

| Type | current | Qty | Order No. |
|-------------------|---------|-----|------------|
| ZQV 4/2 GE | 32 A | 60 | 1608950000 |
| Width | | | |
| ZAP/TW ZT4/2AN | | 50 | 1855220000 |
| ZAP/TW ZT4/2AN OR | | 50 | 1855230000 |
| Width | | | |
| ZVR ZP4 | | 25 | 1855250000 |
| KOSF ZT4 | | 50 | 1856860000 |
| ZZE ZP4 | | 25 | 1855260000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| DEK 5/6 / WS 10/6 | | | |

ZT 4/4AN/2

4 mm²

2 tension clamp conn. / 2 push-on conn.



| | |
|--------------------|--|
| 6.5 x 100.5 x 48.5 | |
| 32 / 6 | |
| 0.13...6 | |

IEC 60947-7-1 / IEC 61984

| IEC | UL | CSA |
|----------|-------------|-------------|
| 800 | 600 | 600 |
| 800 | | |
| 32 | 28 | 28 |
| 4 | AWG 26...10 | AWG 26...10 |
| 8 / 3 | | |
| A3 / V-0 | | |



| Rated connection | Plug-in connection |
|-------------------|--------------------|
| 0.5...6 | 0.5...4 |
| 0.5...6 / 0.5...4 | 0.5...6 / 0.5...4 |
| 12 / 0.6 x 3.5 mm | 12 / 0.6 x 3.5 mm |

CSA current and voltage according to Gr. C

| Type | Qty | Order No. |
|-------------|-----|------------|
| ZT 4/4AN/2 | 50 | 1848350000 |
| Type | Qty | Order No. |
| ZP 4/1AN/1 | 50 | 1848340000 |
| ZP 4/1AN/2 | 25 | 1854990000 |
| ZP 4/1AN/3 | 25 | 1855000000 |
| ZP 4/1AN/4 | 25 | 1855010000 |
| ZP 4/1AN/5 | 20 | 1855020000 |
| ZP 4/1AN/6 | 20 | 1855030000 |
| ZP 4/1AN/7 | 20 | 1855040000 |
| ZP 4/1AN/8 | 20 | 1855050000 |
| ZP 4/1AN/9 | 10 | 1855060000 |
| ZP 4/1AN/10 | 10 | 1855070000 |

| Type | current | Qty | Order No. |
|---------------------|---------|-----|------------|
| ZQV 4/2 GE | 32 A | 60 | 1608950000 |
| Width | | | |
| ZAP/TW ZT4/4AN/2 | | 50 | 1848360000 |
| ZAP/TW ZT4/4AN/2 OR | | 50 | 1855240000 |
| Width | | | |
| ZVR ZP4 | | 25 | 1855250000 |
| KOSF ZT4 | | 50 | 1856860000 |
| ZZE ZP4 | | 25 | 1855260000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| DEK 5/6 / WS 10/6 | | | |

Pluggable standard terminals WeiCoS

Modular PE terminals

WeiCoS - plug-in modular terminals for conductor cross-sections 0.13 to 4 mm².

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|-------------------|
| Width/Length/height with TS35x7.5 | mm |
| max. current / max. cond. cross-section | A/mm ² |
| Max. clamping range | mm ² |

Technical data

| Rated data | |
|--|-----------------|
| Rated cross-section | mm ² |
| max. voltage of pluggable system | V |
| Rated voltage to adjacent terminal | V |
| Rated impulse withstand voltage to adjacent terminal | kV |
| Short-time withstand current | |
| Pollution severity | |
| Gauge to IEC 60947-1 / UL94 Flammability class | |
| Approvals | |
| Clamped conductors (H05V/H07V) | |
| solid / stranded | mm ² |
| flexible / Stranded wire with end ferrules | mm ² |
| Stripping length / Blade size | mm/- |
| Note | |

Ordering data

| Base terminal | green/yellow Wemid |
|--------------------------|--------------------|
| Plug-in connector | 1-pole |
| Note | |

Accessories

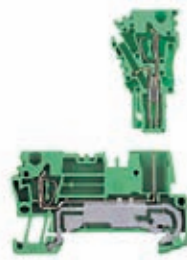
| | |
|--|--|
| End plate / partition | Dark beige Wemid Orange Wemid |
| Test adapter | Standard With assembly peg |
| Miscellaneous accessories, WeiCoS | Locking element Coding element Strain relief |
| Screwdriver | Standard |

| | |
|---|---|
| Marking systems | (see assortment in catalogue 7) Marking tags |
| For detailed information on other accessories and applications, refer to the „Accessories“ section | |

ZTPE 2.5/2AN/1

2.5 mm²

1 tension clamp conn. / 1 push-on conn.



| | |
|---------------|--|
| 5.1 x 58 x 35 | |
| / 4 | |
| 0.13...4 | |

IEC 60947-7-2

| IEC | UL | CSA |
|---|------------------------------|---------------------|
| 2.5 | AWG 26...12 | AWG 26...12 |
| 690 | | |
| 500 | | |
| | 6 | |
| | 300 A (2.5 mm ²) | |
| | 3 | |
| | A2 / V-0 | |
| | | |
| Rated connection | | Plug-in connection |
| 0.5...4 | | 0.5...4 |
| 0.5...4 / 0.5...2.5 | | 0.5...4 / 0.5...2.5 |
| 10 / 0.6 x 3.5 mm | | 10 / 0.6 x 3.5 mm |
| Note | | |
| 2.5 mm ² - flexible conductors with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600V / 5A | | |

| Type | Qty | Order No. |
|--------------------|-----|------------|
| ZTPE 2.5/2AN/1 | 50 | 1815080000 |
| Type | Qty | Order No. |
| ZP 2.5/1AN/QV/1 GN | 50 | 1820570000 |

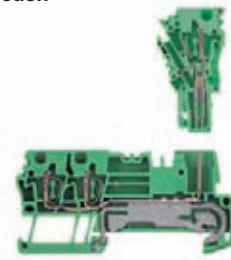
| Type | Width | Qty | Order No. |
|---------------------|--------|-----|------------|
| ZAP/TW ZT2.5/2AN | 2.5 mm | 50 | 1816030000 |
| ZAP/TW ZT2.5/2AN OR | 2.5 mm | 50 | 1816040000 |
| ZTA ZT2.5 | 5.1 mm | 25 | 1827080000 |
| ZTA ZT2.5/ZA | 5.1 mm | 25 | 1847600000 |
| ZVR ZP2.5 | | 25 | 1816130000 |
| KOSF ZT2.5 | | 50 | 1816150000 |
| ZZE ZP2.5 | | 25 | 1816140000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |

| |
|-------------------|
| DEK 5/5 / WS 10/5 |
|-------------------|

ZTPE 2.5/3AN/1

2.5 mm²

2 tension clamp connections / 1 push-on connection



| | |
|-----------------|--|
| 5.1 x 71.5 x 35 | |
| / 4 | |
| 0.13...4 | |

IEC 60947-7-2

| IEC | UL | CSA |
|---|------------------------------|---------------------|
| 2.5 | AWG 26...12 | AWG 26...12 |
| 690 | | |
| 500 | | |
| | 6 | |
| | 300 A (2.5 mm ²) | |
| | 3 | |
| | A2 / V-0 | |
| | | |
| Rated connection | | Plug-in connection |
| 0.5...4 | | 0.5...4 |
| 0.5...4 / 0.5...2.5 | | 0.5...4 / 0.5...2.5 |
| 10 / 0.6 x 3.5 mm | | 10 / 0.6 x 3.5 mm |
| Note | | |
| 2.5 mm ² - flexible conductors with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600V / 5A | | |

| Type | Qty | Order No. |
|--------------------|-----|------------|
| ZTPE 2.5/3AN/1 | 50 | 1815100000 |
| Type | Qty | Order No. |
| ZP 2.5/1AN/QV/1 GN | 50 | 1820570000 |

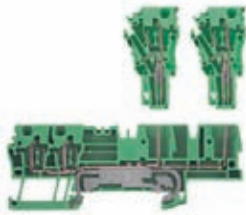
| Type | Width | Qty | Order No. |
|---------------------|--------|-----|------------|
| ZAP/TW ZT2.5/2AN | 2.5 mm | 50 | 1816030000 |
| ZAP/TW ZT2.5/2AN OR | 2.5 mm | 50 | 1816040000 |
| ZTA ZT2.5 | 5.1 mm | 25 | 1827080000 |
| ZTA ZT2.5/ZA | 5.1 mm | 25 | 1847600000 |
| ZVR ZP2.5 | | 25 | 1816130000 |
| KOSF ZT2.5 | | 50 | 1816150000 |
| ZZE ZP2.5 | | 25 | 1816140000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |

| |
|-------------------|
| DEK 5/5 / WS 10/5 |
|-------------------|

ZTPE 2.5/4AN/2

2.5 mm²

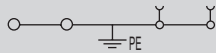
2 tension clamp conn. / 2 push-on conn.



5.1 x 93 x 35

/ 4

0.13...4



IEC 60947-7-2

| IEC | UL | CSA |
|-----|------------------------------|-------------|
| 2.5 | AWG 26...12 | AWG 26...12 |
| 690 | | |
| 500 | | |
| | 6 | |
| | 300 A (2.5 mm ²) | |
| | 3 | |
| | A2 / V-0 | |



| Rated connection | Plug-in connection |
|---------------------|---------------------|
| 0.5...4 | 0.5...4 |
| 0.5...4 / 0.5...2.5 | 0.5...4 / 0.5...2.5 |
| 10 / 0.6 x 3.5 mm | 10 / 0.6 x 3.5 mm |

2.5 mm² - flexible conductors with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600V / 5A

| Type | Qty | Order No. |
|--------------------|-----|-------------------|
| ZTPE 2.5/4AN/2 | 50 | 1815120000 |
| Type | Qty | Order No. |
| ZP 2.5/1AN/QV/1 GN | 50 | 1820570000 |

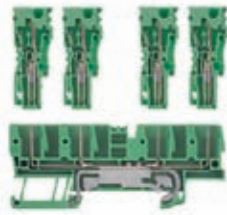
| Type | Width | Qty | Order No. |
|---------------------|--------|-----|-------------------|
| ZAP/TW ZT2.5/2AN | 2.5 mm | 50 | 1816030000 |
| ZAP/TW ZT2.5/2AN OR | 2.5 mm | 50 | 1816040000 |
| ZTA ZT2.5 | 5.1 mm | 25 | 1827080000 |
| ZTA ZT2.5/ZA | 5.1 mm | 25 | 1847600000 |
| ZVR ZP2.5 | | 25 | 1816130000 |
| KOSF ZT2.5 | | 50 | 1816150000 |
| ZZE ZP2.5 | | 25 | 1816140000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |

DEK 5/5 / WS 10/5

ZTPE 2.5/4AN/4

2.5 mm²

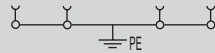
4 push-on connections



5.1 x 85.5 x 35

/ 4

0.13...4



IEC 60947-7-2

| IEC | UL | CSA |
|-----|------------------------------|-----|
| 2.5 | | |
| 690 | | |
| 500 | | |
| | 6 | |
| | 300 A (2.5 mm ²) | |
| | 3 | |
| | A2 / V-0 | |



| Rated connection | Plug-in connection |
|---------------------|---------------------|
| 0.5...4 | 0.5...4 |
| 0.5...4 / 0.5...2.5 | 0.5...4 / 0.5...2.5 |
| 10 / 0.6 x 3.5 mm | 10 / 0.6 x 3.5 mm |

2.5 mm² - flexible conductors with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600V / 5A

| Type | Qty | Order No. |
|--------------------|-----|-------------------|
| ZTPE 2.5/4AN/4 | 50 | 1815140000 |
| Type | Qty | Order No. |
| ZP 2.5/1AN/QV/1 GN | 50 | 1820570000 |

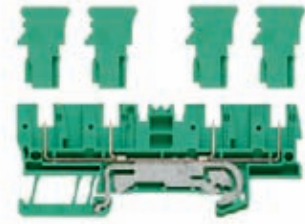
| Type | Width | Qty | Order No. |
|---------------------|--------|-----|-------------------|
| ZAP/TW ZT2.5/2AN | 2.5 mm | 50 | 1816030000 |
| ZAP/TW ZT2.5/2AN OR | 2.5 mm | 50 | 1816040000 |
| ZTA ZT2.5 | 5.1 mm | 25 | 1827080000 |
| ZTA ZT2.5/ZA | 5.1 mm | 25 | 1847600000 |
| ZVR ZP2.5 | | 25 | 1816130000 |
| KOSF ZT2.5 | | 50 | 1816150000 |
| ZZE ZP2.5 | | 25 | 1816140000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |

DEK 5/5 / WS 10/5

ZTCPE 2.5/4AN/4

2.5 mm²

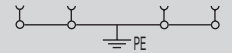
4 push-on connections



5.1 x 85.5 x 45.4

/ 2.5

0.5...2.5



| IEC | UL | CSA |
|-----|------------------------------|-----|
| 2.5 | | |
| 250 | | |
| | 4 | |
| | 300 A (2.5 mm ²) | |
| | 2 | |

| Rated connection | Plug-in connection |
|------------------|--------------------|
| 0.5...2.5 | 0.5...2.5 |

| Type | Qty | Order No. |
|-----------------|-----|-------------------|
| ZTCPE 2.5/4AN/4 | 50 | 1898480000 |
| Type | Qty | Order No. |
| STGH ZPC2.5 DB | 50 | 2321640000 |

| Type | Width | Qty | Order No. |
|-----------------------|--------|-----|-------------------|
| ZAP/TW ZT2.5/4AN/4 | 2.5 mm | 50 | 1816090000 |
| ZAP/TW ZT2.5/4AN/4 OR | 2.5 mm | 50 | 1816100000 |

DEK 5/5 / WS 10/5

Pluggable standard terminals WeiCoS

Modular PE terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|-------------------|
| Width/Length/height with TS35x7.5 | mm |
| max. current / max. cond. cross-section | A/mm ² |
| Max. clamping range | mm ² |

Technical data

| Rated data | |
|--|-----------------|
| Rated cross-section | mm ² |
| max. voltage of pluggable system | V |
| Rated voltage to adjacent terminal | V |
| Rated impulse withstand voltage to adjacent terminal | kV |
| Short-time withstand current | |
| Pollution severity | |
| Gauge to IEC 60947-1 / UL94 Flammability class | |
| Approvals | |

| Clamped conductors (H05V/H07V) | |
|--|-----------------|
| solid / stranded | mm ² |
| flexible / Stranded wire with end ferrules | mm ² |
| Stripping length / Blade size | mm/- |

Note

Ordering data

| Base terminal | |
|-------------------|--------------------|
| | green/yellow Wemid |
| Plug-in connector | |
| | 1-pole |
| Note | |

Accessories

| End plate / partition | |
|-----------------------------------|-------------------|
| | Dark beige Wemid |
| | Orange Wemid |
| Test adapter | |
| | Standard |
| | With assembly peg |
| Miscellaneous accessories, WeiCoS | |
| | Locking element |
| | Coding element |
| | Strain relief |
| Screwdriver | |
| | Standard |

Marking systems (see assortment in catalogue 7)
Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

ZTPE 4/2AN/1

4 mm²

1 tension clamp conn. / 1 push-on conn.



| | |
|-----------------|--|
| 6.5 x 58 x 48.5 | |
| / 6 | |
| 0.13...6 | |

| IEC | UL | CSA |
|-----|----------------------------|-----|
| 4 | AWG 26...10 | |
| 800 | | |
| 800 | | |
| | 8 | |
| | 480 A (4 mm ²) | |
| | 3 | |
| | A3 / V-0 | |

| Rated connection | | Plug-in connection | |
|-------------------|--|--------------------|--|
| 0.5...6 | | 0.5...4 | |
| 0.5...6 / 0.5...4 | | 0.5...6 / 0.5...4 | |
| 12 / 0.6 x 3.5 mm | | 12 / 0.6 x 3.5 mm | |

| Type | Qty | Order No. |
|---------------|-----|------------|
| ZTPE 4/2AN/1 | 50 | 1854970000 |
| Type | Qty | Order No. |
| ZP 4/1AN/1 GN | 50 | 1854980000 |

| Type | Width | Qty | Order No. |
|-------------------|-------|-----|------------|
| ZAP/TW ZT4/2AN | | 50 | 1855220000 |
| ZAP/TW ZT4/2AN OR | | 50 | 1855230000 |
| ZVR ZP4 | | 25 | 1855250000 |
| KOSF ZT4 | | 50 | 1856860000 |
| ZZE ZP4 | | 25 | 1855260000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |

DEK 5/6 / WS 10/6

ZTPE 4/4AN/2

4 mm²

2 tension clamp conn. / 2 push-on conn.



| | |
|--------------------|--|
| 6.5 x 100.5 x 48.5 | |
| / 6 | |
| 0.13...6 | |

| IEC | UL | CSA |
|-----|----------------------------|-----|
| 4 | AWG 26...10 | |
| 800 | | |
| 800 | | |
| | 8 | |
| | 480 A (4 mm ²) | |
| | 3 | |
| | A3 / V-0 | |

| Rated connection | | Plug-in connection | |
|-------------------|--|--------------------|--|
| 0.5...6 | | 0.5...4 | |
| 0.5...6 / 0.5...4 | | 0.5...6 / 0.5...4 | |
| 12 / 0.6 x 3.5 mm | | 12 / 0.6 x 3.5 mm | |

| Type | Qty | Order No. |
|---------------|-----|------------|
| ZTPE 4/4AN/2 | 50 | 1848330000 |
| Type | Qty | Order No. |
| ZP 4/1AN/1 GN | 50 | 1854980000 |

| Type | Width | Qty | Order No. |
|---------------------|-------|-----|------------|
| ZAP/TW ZT4/4AN/2 | | 50 | 1848360000 |
| ZAP/TW ZT4/4AN/2 OR | | 50 | 1855240000 |
| ZVR ZP4 | | 25 | 1855250000 |
| KOSF ZT4 | | 50 | 1856860000 |
| ZZE ZP4 | | 25 | 1855260000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |

DEK 5/6 / WS 10/6

Pluggable standard terminals WeiCoS

Two-tier modular terminals

WeiCoS - plug-in modular terminals for conductor cross-sections 0.13 to 4 mm².

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|-------------------|
| Width/Length/height with TS35x7.5 | mm |
| max. current / max. cond. cross-section | A/mm ² |
| Max. clamping range | mm ² |

Technical data

| Rated data | |
|--|-----------------|
| Rated voltage | V |
| max. voltage of pluggable system | V |
| Rated current | A |
| Rated cross-section | mm ² |
| Rated impulse voltage / Pollution severity | kV/- |
| Gauge to IEC 60947-1 / UL94 Flammability class | |
| Approvals | |
| Clamped conductors (H05V/H07V) | |
| solid / stranded | mm ² |
| flexible / Stranded wire with end ferrules | mm ² |
| Stripping length / Blade size | mm/- |

Note

Ordering data

| Base terminal | |
|-------------------|------------------|
| | Dark beige Wemid |
| Plug-in connector | |
| 1-pole | |
| 2-pole | |
| 3-pole | |
| 4-pole | |
| 5-pole | |
| 6-pole | |
| 8-pole | |
| 10-pole | |

Note

Accessories

| Pluggable cross-connection | |
|-----------------------------------|-------------------|
| 2-pole | |
| 3-pole | |
| 4-pole | |
| 10-pole | |
| 20-/24-pole | |
| End plate / partition | |
| | Dark beige Wemid |
| Test adapter | |
| | Standard |
| | With assembly peg |
| Miscellaneous accessories, WeiCoS | |
| | Locking element |
| | Coding element |
| | Strain relief |
| Screwdriver | |
| | Standard |

Marking systems (see assortment in catalogue 7)

Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

ZDT 2.5/2

2.5 mm²

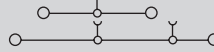
Two potentials feasible



5.1 x 80.5 x 52.5

24 / 4

0.13...4



IEC 60947-7-1 / IEC 61984

| IEC | UL | CSA |
|----------|-------------|-------------|
| 500 | 300 | 300 |
| 690 | | |
| 24 | 20 | 20 |
| 2.5 | AWG 26...12 | AWG 26...12 |
| 6 / 3 | | |
| A2 / V-0 | | |



| Rated connection | Plug-in connection |
|---------------------|---------------------|
| 0.5...4 | 0.5...4 |
| 0.5...4 / 0.5...2.5 | 0.5...4 / 0.5...2.5 |
| 10 / 0.6 x 3.5 mm | 10 / 0.6 x 3.5 mm |

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

| Type | Qty | Order No. |
|------------------|-----|------------|
| ZDT 2.5/2 | 50 | 1815150000 |
| Type | | |
| Type | Qty | Order No. |
| ZP 2.5/1AN/QV/1 | 50 | 1815190000 |
| ZP 2.5/1AN/QV/2 | 25 | 1815200000 |
| ZP 2.5/1AN/QV/3 | 25 | 1815210000 |
| ZP 2.5/1AN/QV/4 | 25 | 1815220000 |
| ZP 2.5/1AN/QV/5 | 25 | 1815230000 |
| ZP 2.5/1AN/QV/6 | 25 | 1815240000 |
| ZP 2.5/1AN/QV/8 | 20 | 1815260000 |
| ZP 2.5/1AN/QV/10 | 20 | 1815280000 |

| Type | current | Qty | Order No. |
|----------------|---------|-----|------------|
| ZQV 2.5N/2 GE | 24 A | 60 | 1693800000 |
| ZQV 2.5N/3 GE | 24 A | 60 | 1693810000 |
| ZQV 2.5N/4 GE | 24 A | 60 | 1693820000 |
| ZQV 2.5N/10 GE | 24 A | 20 | 1693880000 |
| ZQV 2.5N/20 GE | 24 A | 20 | 1909000000 |

| Width | | | |
|-----------------|--------|----|------------|
| ZAP/TW ZDT2.5/2 | 2.5 mm | 50 | 1816110000 |

| Width | | | |
|--------------|--------|----|------------|
| ZTA ZT2.5 | 5.1 mm | 25 | 1827080000 |
| ZTA ZT2.5/ZA | 5.1 mm | 25 | 1847600000 |

| | | |
|------------|----|------------|
| ZVR ZP2.5 | 25 | 1816130000 |
| KOSF ZT2.5 | 50 | 1816150000 |
| ZZE ZP2.5 | 25 | 1816140000 |

| | | |
|----------------|---|------------|
| SD 0.6x3.5x100 | 1 | 9008330000 |
|----------------|---|------------|

DEK 5/5

ZDT 2.5/2 DU-PE

2.5 mm²

Phase - PE conductor



5.1 x 80.5 x 52.5

24 / 4

0.13...4



IEC 60947-7-1 (-7-2) / IEC 61984

| IEC | UL | CSA |
|----------|-------------|-------------|
| 500 | 300 | 300 |
| 690 | | |
| 24 | 20 | 20 |
| 2.5 | AWG 26...12 | AWG 26...12 |
| 6 / 3 | | |
| A2 / V-0 | | |



| Rated connection | Plug-in connection |
|---------------------|---------------------|
| 0.5...4 | 0.5...4 |
| 0.5...4 / 0.5...2.5 | 0.5...4 / 0.5...2.5 |
| 10 / 0.6 x 3.5 mm | 10 / 0.6 x 3.5 mm |

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

| Type | Qty | Order No. |
|------------------|-----|------------|
| ZDT 2.5/2 DU-PE | 50 | 1815160000 |
| Type | | |
| Type | Qty | Order No. |
| ZP 2.5/1AN/QV/1 | 50 | 1815190000 |
| ZP 2.5/1AN/QV/2 | 25 | 1815200000 |
| ZP 2.5/1AN/QV/3 | 25 | 1815210000 |
| ZP 2.5/1AN/QV/4 | 25 | 1815220000 |
| ZP 2.5/1AN/QV/5 | 25 | 1815230000 |
| ZP 2.5/1AN/QV/6 | 25 | 1815240000 |
| ZP 2.5/1AN/QV/8 | 20 | 1815260000 |
| ZP 2.5/1AN/QV/10 | 20 | 1815280000 |

| Type | current | Qty | Order No. |
|----------------|---------|-----|------------|
| ZQV 2.5N/2 GE | 24 A | 60 | 1693800000 |
| ZQV 2.5N/3 GE | 24 A | 60 | 1693810000 |
| ZQV 2.5N/4 GE | 24 A | 60 | 1693820000 |
| ZQV 2.5N/10 GE | 24 A | 20 | 1693880000 |
| ZQV 2.5N/20 GE | 24 A | 20 | 1909000000 |

| Width | | | |
|-----------------|--------|----|------------|
| ZAP/TW ZDT2.5/2 | 2.5 mm | 50 | 1816110000 |

| Width | | | |
|--------------|--------|----|------------|
| ZTA ZT2.5 | 5.1 mm | 25 | 1827080000 |
| ZTA ZT2.5/ZA | 5.1 mm | 25 | 1847600000 |

| | | |
|------------|----|------------|
| ZVR ZP2.5 | 25 | 1816130000 |
| KOSF ZT2.5 | 50 | 1816150000 |
| ZZE ZP2.5 | 25 | 1816140000 |

| | | |
|----------------|---|------------|
| SD 0.6x3.5x100 | 1 | 9008330000 |
|----------------|---|------------|

DEK 5/5

Two-tier modular terminals

WeiCoS - plug-in modular terminals for conductor cross-sections 0.13 to 4 mm².

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|-------------------|
| Width/Length/height with TS35x7.5 | mm |
| max. current / max. cond. cross-section | A/mm ² |
| Max. clamping range | mm ² |

Technical data

| Rated data | |
|--|-----------------|
| Rated cross-section | mm ² |
| max. voltage of pluggable system | V |
| Rated voltage to adjacent terminal | V |
| Rated impulse withstand voltage to adjacent terminal | kV |
| Short-time withstand current | |
| Pollution severity | |
| Gauge to IEC 60947-1 / UL94 Flammability class | |
| Approvals | |

| Clamped conductors (H05V/H07V) | |
|--|-----------------|
| solid / stranded | mm ² |
| flexible / Stranded wire with end ferrules | mm ² |
| Stripping length / Blade size | mm/- |

Note

Ordering data

| Version | |
|-------------------|--------------------|
| | green/yellow Wemid |
| Plug-in connector | |
| | 1-pole |
| Note | |

Accessories

| End plate / partition | |
|-----------------------------------|-------------------|
| | Dark beige Wemid |
| Test adapter | |
| | Standard |
| | With assembly peg |
| Miscellaneous accessories, WeiCoS | |
| | Locking element |
| | Coding element |
| | Strain relief |
| Screwdriver | |
| | Standard |

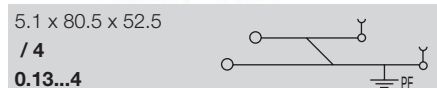
Marking systems (see assortment in catalogue 7)
Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

ZDT 2.5/2 PE

2.5 mm²

2 tension clamp conn. / 2 push-on conn.



IEC 60947-7-2

| IEC | UL | CSA |
|------------------------------|-------------|-------------|
| 2.5 | AWG 26...12 | AWG 26...12 |
| 690 | | |
| 500 | | |
| 6 | | |
| 300 A (2.5 mm ²) | | |
| 3 | | |
| A2 / V-0 | | |

| Rated connection | | Plug-in connection | |
|---------------------|--|---------------------|--|
| 0.5...4 | | 0.5...4 | |
| 0.5...4 / 0.5...2.5 | | 0.5...4 / 0.5...2.5 | |
| 10 / 0.6 x 3.5 mm | | 10 / 0.6 x 3.5 mm | |

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

| Type | Qty | Order No. |
|--------------------|-----|------------|
| ZDT 2.5/2 PE | 50 | 1815170000 |
| Type | Qty | Order No. |
| ZP 2.5/1AN/QV/1 GN | 50 | 1820570000 |

| Type | Width | Qty | Order No. |
|-----------------|--------|-----|------------|
| ZAP/TW ZDT2.5/2 | 2.5 mm | 50 | 1816110000 |
| ZTA ZT2.5 | 5.1 mm | 25 | 1827080000 |
| ZTA ZT2.5/ZA | 5.1 mm | 25 | 1847600000 |
| ZVR ZP2.5 | | 25 | 1816130000 |
| KOSF ZT2.5 | | 50 | 1816150000 |
| ZZE ZP2.5 | | 25 | 1816140000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |

DEK 5/5 / WS 10/5

Pluggable standard terminals WeiCoS

Test-disconnect terminals

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|-------------------|
| Width/Length/height with TS35x7.5 | mm |
| max. current / max. cond. cross-section | A/mm ² |
| Max. clamping range | mm ² |


Technical data

| | |
|--|-----------------|
| Rated data | |
| Rated voltage | V |
| Rated current | A |
| Rated cross-section | mm ² |
| Rated impulse voltage / Pollution severity | kV/- |
| Gauge to IEC 60947-1 / UL94 Flammability class | |
| Approvals | |
| Clamped conductors (H05V/H07V) | |
| solid / stranded | mm ² |
| flexible / Stranded wire with end ferrules | mm ² |
| Stripping length / Blade size | mm/- |
| Note | |

Ordering data

| | |
|----------------|------------------------------------|
| Version | |
| | Dark beige Wemid |
| | Without isolator, Dark beige Wemid |
| Note | |

Accessories

| | |
|---|----------------------------|
| Pluggable cross-connection | |
|  | 2-pole |
| | 3-pole |
| | 4-pole |
| | 10-pole |
| End plate / partition | |
| | Dark beige Wemid |
| End bracket | |
| | Dark beige Wemid |
| Screwdriver | |
| | Standard |
| Testing / Checking | |
| | Test plug |
| Holder for cartridge fuse, 5 x 20mm | |
| | 400 V AC/DC, without LED |
| | 10 - 36 V AC/DC, red LED |
| | 140 - 250 V AC/DC, red LED |
| Module connector (max, 250 V) | |
| | without fittings |
| | with wire jumper |
| | With 1N4007 diode |
| Disconnect plug | |
| | yellow Wemid |

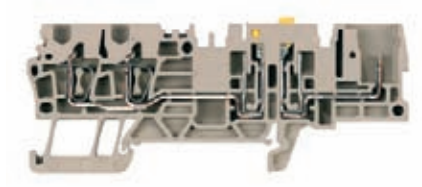
| | |
|------------------------|---------------------------------|
| Marking systems | (see assortment in catalogue 7) |
| | Marking tags |

For detailed information on other accessories and applications, refer to the „Accessories“ section

ZTTR 2.5

2.5 mm²

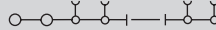
2 tension clamp connections / 1 push-on connection



5.1 x 87 x 36.5

18 / 4

0.13...4



IEC 60947-7-1 / IEC 61984

| IEC | UL | CSA |
|-----|-------------|-------------|
| 400 | 600 | 600 |
| 16 | 16 | 16 |
| 2.5 | AWG 26...12 | AWG 26...12 |
| | 6 / 3 | |
| | A2 / V-0 | |



Rated connection

| |
|---------------------|
| 0.5...4 |
| 0.5...4 / 0.5...2.5 |
| 10 / 0.6 x 3.5 mm |

CSA current and voltage according to Gr. B

| Type | Qty | Order No. |
|------------------|-----|------------|
| ZTTR 2.5 | 50 | 1865510000 |
| ZTTR 2.5/O. TNHE | 50 | 1905470000 |

| Type | current | Qty | Order No. |
|----------------|---------|-----|------------|
| ZQV 2.5N/2 GE | 24 A | 60 | 1693800000 |
| ZQV 2.5N/3 GE | 24 A | 60 | 1693810000 |
| ZQV 2.5N/4 GE | 24 A | 60 | 1693820000 |
| ZQV 2.5N/10 GE | 24 A | 20 | 1693880000 |

| Width | | | |
|-------------------------|--------|----|------------|
| ZAP/TW ZTTR2.5 | | 50 | 1865520000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| PS 2.3 RT | 5.4 mm | 20 | 0180400000 |
| SIHA 3/G20 | 6 mm | 25 | 7921560000 |
| SIHA 3/G20/LD 10-36V | 6 mm | 25 | 7921570000 |
| SIHA a3/G20/LD 140-250V | 6 mm | 25 | 7921600000 |
| BEST | 5.1 mm | 50 | 1833100000 |
| BEST/DRBR | 5.1 mm | 50 | 1878570000 |
| BEST/D | 5.1 mm | 50 | 1878560000 |
| TNST | | 50 | 1833090000 |

DEK 5/5

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Pluggable standard terminals WeiCoS

Feed-through modular terminals

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|-------------------|
| Width/Length/height with TS35x7.5 | mm |
| max. current / max. cond. cross-section | A/mm ² |
| Max. clamping range | mm ² |

Technical data

| Rated data | |
|--|-----------------|
| Rated voltage | V |
| Rated current | A |
| Rated cross-section | mm ² |
| Rated impulse voltage / Pollution severity | kV/- |
| Gauge to IEC 60947-1 / UL94 Flammability class | |
| Approvals | |
| Clamped conductors (H05V/H07V) | |
| solid / stranded | mm ² |
| flexible / Stranded wire with end ferrules | mm ² |
| Stripping length / Blade size | mm/- |
| Note | |

Ordering data

| Version | |
|-------------|---------------|
| | Base terminal |
| Note | |

Accessories

| STGH plug housing | |
|-----------------------|-------------------------------|
| | With assembly peg |
| | Without peg |
| Crimp contacts | |
| | Reel packaged |
| | Reel packaged |
| | Reel packaged |
| | Single contacts |
| | Single contacts |
| | Single contacts |
| Test adapter | |
| | Enclosure test adapter, 4-way |
| | Strain relief |
| | Plug housing, black |
| | Black plug enclosure |
| tools | |
| | Crimping tools |
| End plate / partition | |
| | beige Wemid |

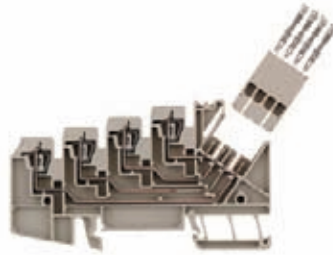
| Marking systems | (see assortment in catalogue 7) |
|-----------------|---------------------------------|
| | Marking tags |

For detailed information on other accessories and applications, refer to the „Accessories“ section

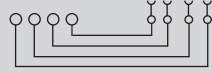
ZRV 1.5

1.5 mm²

Base terminal - plug



| | |
|-----------------|--|
| 5.1 x 89.5 x 52 | |
| / 2.5 | |
| 0.13...2.5 | |



IEC 60947-7-1 / IEC 61984

| IEC | UL | CSA |
|----------|-------------|-----|
| 63 | 150 | |
| 4 | 10 | |
| 1.5 | AWG 26...14 | |
| 2 / 3 | | |
| A1 / V-0 | | |

| Rated connection | | Crimp connection |
|-----------------------|--|------------------|
| 0.5...2.5 | | |
| 0.5...2.5 / 0.5...1.5 | | 0.2...1 |
| 8 / 0.6 x 3.5 mm | | |

| Type | Qty | Order No. |
|---------|-----|------------|
| ZRV 1.5 | 50 | 1698160000 |

| Type | Width | Qty | Order No. |
|----------------------|--------|-----|------------|
| STGH 4 ZRV1.5 | 5 mm | 50 | 1698190000 |
| | | | |
| | | | |
| | | | |
| DFFC 0.2-0.35 ZRV1.5 | | 500 | 1705310000 |
| DFFC .5-1.0 ZRV1.5 | | 500 | 1705320000 |
| | | | |
| | | | |
| | | | |
| HTF ZRV | | 1 | 9014840000 |
| | | | |
| AP ZRV1.5 DB | 5.1 mm | 10 | 1698180000 |

| Marking systems | |
|-----------------|---------|
| | DEK 5/5 |

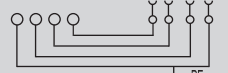
ZRV 1,5/PE

1.5 mm²

Base terminal - plug



| | |
|-----------------|--|
| 5.1 x 89.5 x 52 | |
| / 2.5 | |
| 0.13...2.5 | |



IEC 60947-7-1 (-7-2) / VDE 0627

| IEC | UL | CSA |
|----------|-------------|-----|
| 63 | | |
| 4 | | |
| 1.5 | AWG 26...14 | |
| 2 / 3 | | |
| A1 / V-0 | | |

| Rated connection | | Crimp connection |
|-----------------------|--|------------------|
| 0.5...2.5 | | |
| 0.5...2.5 / 0.5...1.5 | | 0.2...1 |
| 8 / 0.6 x 3.5 mm | | |

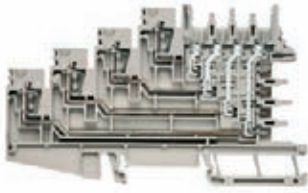
| Type | Qty | Order No. |
|------------|-----|------------|
| ZRV 1.5/PE | 50 | 1698170000 |

| Type | Width | Qty | Order No. |
|----------------------|--------|-----|------------|
| STGH 4 ZRV1.5/PE GN | 5 mm | 50 | 1698200000 |
| | | | |
| | | | |
| | | | |
| DFFC 0.2-0.35 ZRV1.5 | | 500 | 1705310000 |
| DFFC .5-1.0 ZRV1.5 | | 500 | 1705320000 |
| | | | |
| | | | |
| | | | |
| HTF ZRV | | 1 | 9014840000 |
| | | | |
| AP ZRV1.5 DB | 5.1 mm | 10 | 1698180000 |

| Marking systems | |
|-----------------|---------|
| | DEK 5/5 |

ZRV 2.5/2

2.5 mm²



5.2 x 115 x 70
10 / 4
0.21...4



IEC 60947-7-1 / IEC 61984

| IEC | UL | CSA |
|----------|-------------|-----|
| 250 | 300 | |
| 10 | 10 | |
| 2.5 | AWG 24...14 | |
| 4 / 3 | | |
| A2 / V-0 | | |



| Rated connection | Crimp connection |
|-----------------------|------------------|
| 0.5...4 / 0.5...4 | |
| 0.5...2.5 / 0.5...2.5 | 0.2...2.5 |
| 10 / 0.6 x 3.5 mm | |

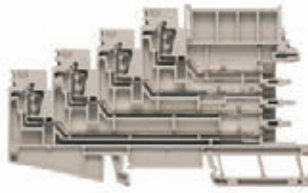
| Type | Qty | Order No. |
|-----------|-----|------------|
| ZRV 2.5/2 | 50 | 1906970000 |

| Type | Width | Qty | Order No. |
|-------------------------|-------|------|------------|
| STGH O.ZA ZRV2.5 | | 50 | 1907010000 |
| STGH ZRV2.5 | | 50 | 1907000000 |
| FEKO ZRV2.5 0.2-0.35 | | 5000 | 1854750000 |
| FEKO ZRV2.5 0.5-1 | | 5000 | 1854760000 |
| FEKO ZRV2.5 1.5-2.5 | | 4000 | 1848480000 |
| FEKO ET ZRV2.5 0.2-0.35 | | 500 | 1893940000 |
| FEKO ET ZRV2.5 0.5-1 | | 500 | 1893970000 |
| FEKO ET ZRV2.5 1.5-2.5 | | 500 | 1893990000 |
| GH ZE STGH ZRV2.5 | | 50 | 2318620000 |
| ZE ZRV2.5 | | 25 | 2318670000 |
| STGH SW ZRV2.5 | | 25 | 1898420000 |
| STGH O.ZA/SW ZRV2.5 | | 25 | 1898430000 |
| HTF ZRV | | 1 | 9014840000 |
| AP ZRV2.5 | | 10 | 1906980000 |

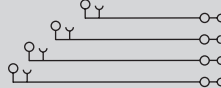
DEK 5/5 / WS 12/5

ZRV 2.5/1

2.5 mm²



5 x 115 x 69.5
/ 4
0.5...4



| IEC | UL | CSA |
|-------|----|-----|
| 250 | | |
| 10 | | |
| 2.5 | | |
| 4 / 3 | | |

| Rated connection | Crimp connection |
|-------------------|------------------|
| 0.5...4 | |
| 0.5...2.5 | 0.2...2.5 |
| 10 / 0.6 x 3.5 mm | |

| Type | Qty | Order No. |
|-----------|-----|------------|
| ZRV 2.5/1 | 50 | 1906960000 |

| Type | Width | Qty | Order No. |
|-------------------------|-------|------|------------|
| STGH O.ZA ZRV2.5 | | 50 | 1907010000 |
| STGH ZRV2.5 | | 50 | 1907000000 |
| FEKO ZRV2.5 0.2-0.35 | | 5000 | 1854750000 |
| FEKO ZRV2.5 0.5-1 | | 5000 | 1854760000 |
| FEKO ZRV2.5 1.5-2.5 | | 4000 | 1848480000 |
| FEKO ET ZRV2.5 0.2-0.35 | | 500 | 1893940000 |
| FEKO ET ZRV2.5 0.5-1 | | 500 | 1893970000 |
| FEKO ET ZRV2.5 1.5-2.5 | | 500 | 1893990000 |
| GH ZE STGH ZRV2.5 | | 50 | 2318620000 |
| ZE ZRV2.5 | | 25 | 2318670000 |
| STGH SW ZRV2.5 | | 25 | 1898420000 |
| STGH O.ZA/SW ZRV2.5 | | 25 | 1898430000 |
| HTF ZRV | | 1 | 9014840000 |
| AP ZRV2.5 | | 10 | 1906980000 |

DEK 5/5 / WS 12/5

Pluggable standard terminals WeiCoS

Plug-in connector

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|-------------------|
| Width/Length/height with TS35x7.5 | mm |
| max. current / max. cond. cross-section | A/mm ² |
| Max. clamping range | mm ² |


Technical data

| Rated data | |
|--|-----------------|
| Rated voltage | V |
| Rated current | A |
| Rated cross-section | mm ² |
| Rated impulse voltage / Pollution severity | kV/- |
| Gauge to IEC 60947-1 / UL94 Flammability class | |
| Approvals | |
| Clamped conductors (H05V/H07V) | |
| solid / stranded | mm ² |
| flexible / Stranded wire with end ferrules | mm ² |
| Stripping length / Blade size | mm/- |
| Note | |

Ordering data

| Version | Type | Qty | Order No. |
|---------|----------------------|-----|-----------|
| | 1-pole | | |
| | 2-pole | | |
| | 3-pole | | |
| | 4-pole | | |
| | 5-pole | | |
| | 6-pole | | |
| | 7-pole | | |
| | 8-pole | | |
| | 10-pole | | |
| | 11-pole | | |
| | 12-pole | | |
| | 13-pole | | |
| | 14-pole | | |
| | 15-pole | | |
| | 16-pole | | |
| | 17-pole | | |
| | 1-pole (green Wemid) | | |
| Note | | | |

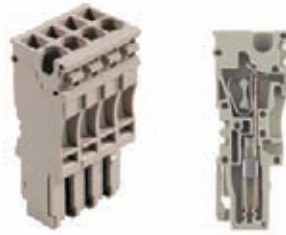
Accessories

| Pluggable cross-connection | |
|--|---------------------------------|
|  | 2-pole |
| | 3-pole |
| | 10-pole |
| Test adapter | |
| | Standard |
| Screwdriver | |
| | Standard |
| Group designation | |
| | Push-in tag, blank |
| | Group designation |
| | Protective strips, transparent |
| Marking systems | |
| | (see assortment in catalogue 7) |
| | Marking tags |
| For detailed information on other accessories and applications, refer to the „Accessories“ section | |

ZP 2.5/1AN


2.5 mm²

2...17-pole



| |
|--------------|
| 50 x 16 x 41 |
| 24 / 4 |
| 0.13...4 |

IEC 60947-7-1 / IEC 61984

| IEC | UL | CSA |
|--|-------------|-----|
| 500 | 300 | |
| 24 | 20 | |
| 2.5 | AWG 26...12 | |
| 6 / 3 | | |
| A2 / V-0 | | |
|  | | |
| Rated connection | | |
| 0.5...4 | | |
| 0.5...4 / 0.5...2.5 | | |
| 10 / 0.6 x 3.5 mm | | |
| 2.5 mm ² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. | | |

| Type | Qty | Order No. |
|-----------------|-----|------------|
| ZP 2.5/1AN/1 | 50 | 1815430000 |
| ZP 2.5/1AN/2 | 25 | 1815440000 |
| ZP 2.5/1AN/3 | 25 | 1815450000 |
| ZP 2.5/1AN/4 | 25 | 1815500000 |
| ZP 2.5/1AN/5 | 25 | 1815510000 |
| ZP 2.5/1AN/6 | 25 | 1815520000 |
| ZP 2.5/1AN/7 | 25 | 1815530000 |
| ZP 2.5/1AN/8 | 20 | 1815540000 |
| ZP 2.5/1AN/10 | 20 | 1815560000 |
| ZP 2.5/1AN/11 | 20 | 1815570000 |
| ZP 2.5/1AN/12 | 20 | 1815580000 |
| ZP 2.5/1AN/13 | 10 | 1815590000 |
| ZP 2.5/1AN/14 | 10 | 1815600000 |
| ZP 2.5/1AN/15 | 10 | 1815610000 |
| ZP 2.5/1AN/16 | 10 | 1815620000 |
| ZP 2.5/1AN/17 | 10 | 1815180000 |
| ZP 2.5/1AN/1 GN | 50 | 1820580000 |

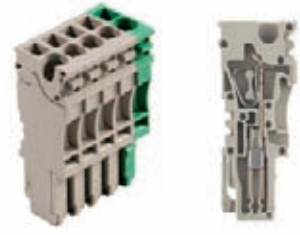
| Type | current | Qty | Order No. |
|----------------------|---------|-----|------------|
| | | | |
| | | | |
| Width | | | |
| ZTA ZT2.5 | 5.1 mm | 25 | 1827080000 |
| | | | |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| | | | |
| ESO 7 A4-BOGEN WEISS | | 10 | 1607720000 |
| ZGB 30 | | 20 | 1611930000 |
| STR 7 F.SCHT 7 | | 20 | 0515300000 |
| | | | |
| DEK 5/5 / WS 10/5 | | | |

ZP 2.5/1AN/GN/BE


2.5 mm²

2 to 17-pole

Connectors each with one green pole



| |
|-----------|
| x 16 x 41 |
| 24 / 4 |
| 0.13...4 |

| IEC | UL | CSA |
|--|-------------|-----|
| 500 | 300 | |
| 24 | 20 | |
| 2.5 | AWG 26...12 | |
| 6 / | | |
| A2 / V-0 | | |
|  | | |
| Rated connection | | |
| 0.5...4 | | |
| 0.5...4 / 0.5...2.5 | | |
| 10 / 0.6 x 3.5 mm | | |
| 2.5 mm ² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. | | |

| Type | Qty | Order No. |
|---------------------|-----|------------|
| ZP 2.5/1AN/2 GN/BE | 25 | 1867090000 |
| ZP 2.5/1AN/3 GN/BE | 25 | 1867100000 |
| ZP 2.5/1AN/4 GN/BE | 25 | 1867110000 |
| ZP 2.5/1AN/5 GN/BE | 25 | 1867120000 |
| ZP 2.5/1AN/6 GN/BE | 25 | 1867130000 |
| ZP 2.5/1AN/7 GN/BE | 25 | 1867140000 |
| ZP 2.5/1AN/8 GN/BE | 20 | 1867150000 |
| ZP 2.5/1AN/10 GN/BE | 20 | 1867170000 |
| ZP 2.5/1AN/11 GN/BE | 20 | 1867180000 |
| ZP 2.5/1AN/12 GN/BE | 20 | 1867190000 |
| ZP 2.5/1AN/13 GN/BE | 10 | 1867200000 |
| ZP 2.5/1AN/14 GN/BE | 10 | 1867210000 |
| ZP 2.5/1AN/15 GN/BE | 10 | 1867220000 |
| ZP 2.5/1AN/16 GN/BE | 10 | 1867230000 |
| ZP 2.5/1AN/17 GN/BE | 10 | 1867240000 |

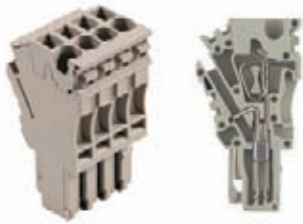
The technical specifications relate to the use in conjunction with PE terminals to DIN EN 60947-7-2 only.

| Type | current | Qty | Order No. |
|----------------------|---------|-----|------------|
| | | | |
| | | | |
| Width | | | |
| ZTA ZT2.5 | 5.1 mm | 25 | 1827080000 |
| | | | |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| | | | |
| ESO 7 A4-BOGEN WEISS | | 10 | 1607720000 |
| ZGB 30 | | 20 | 1611930000 |
| STR 7 F.SCHT 7 | | 20 | 0515300000 |
| | | | |
| DEK 5/5 / WS 10/5 | | | |

ZP 2,5/1AN/QV

2.5 mm²

1...17-pole



15 x 23 x 41
24 / 4
0.13...4

| IEC | UL | CSA |
|----------|-------------|-----|
| 500 | 300 | |
| 24 | 20 | |
| 2.5 | AWG 26...12 | |
| 6 / | | |
| A2 / V-0 | | |



Rated connection

0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

| Type | Qty | Order No. |
|--------------------|-----|------------|
| ZP 2.5/1AN/QV/1 | 50 | 1815190000 |
| ZP 2.5/1AN/QV/2 | 25 | 1815200000 |
| ZP 2.5/1AN/QV/3 | 25 | 1815210000 |
| ZP 2.5/1AN/QV/4 | 25 | 1815220000 |
| ZP 2.5/1AN/QV/5 | 25 | 1815230000 |
| ZP 2.5/1AN/QV/6 | 25 | 1815240000 |
| ZP 2.5/1AN/QV/7 | 25 | 1815250000 |
| ZP 2.5/1AN/QV/8 | 20 | 1815260000 |
| ZP 2.5/1AN/QV/10 | 20 | 1815280000 |
| ZP 2.5/1AN/QV/11 | 20 | 1815290000 |
| ZP 2.5/1AN/QV/12 | 20 | 1815300000 |
| ZP 2.5/1AN/QV/13 | 10 | 1815310000 |
| ZP 2.5/1AN/QV/14 | 10 | 1815320000 |
| ZP 2.5/1AN/QV/15 | 10 | 1815330000 |
| ZP 2.5/1AN/QV/16 | 10 | 1815340000 |
| ZP 2.5/1AN/QV/17 | 10 | 1815350000 |
| ZP 2.5/1AN/QV/1 GN | 50 | 1820570000 |

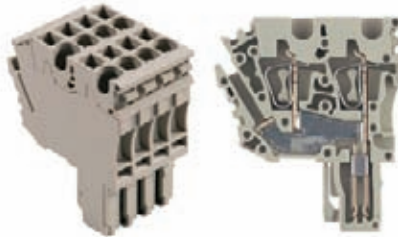
| Type | current | Qty | Order No. |
|----------------------|---------|-----|------------|
| ZQV 2.5N/2 GE | 24 A | 60 | 1693800000 |
| ZQV 2.5N/3 GE | 24 A | 60 | 1693810000 |
| ZQV 2.5N/10 GE | 24 A | 20 | 1693880000 |
| Width | | | |
| ZTA ZT2.5 | 5.1 mm | 25 | 1827080000 |
| SD 0.6x3.5x100 | | | |
| | | 1 | 9008330000 |
| ESO 7 A4-BOGEN WEISS | | 10 | 1607720000 |
| ZGB 30 | | 20 | 1611930000 |
| STR 7 F.SCHT 7 | | 20 | 0515300000 |

DEK 5/5 / WS 10/5

ZP 2,5/2AN/QV

2.5 mm²

1...16-pole



x 37 x 41
24 / 4
0.13...4

IEC 60947-7-1 / IEC 61984

| IEC | UL | CSA |
|----------|-------------|-----|
| 500 | 300 | |
| 24 | 20 | |
| 2.5 | AWG 26...12 | |
| 6 / 3 | | |
| A2 / V-0 | | |



Rated connection

0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

| Type | Qty | Order No. |
|--------------------|-----|------------|
| ZP 2.5/2AN/QV/1 | 50 | 1815730000 |
| ZP 2.5/2AN/QV/2 | 20 | 1815740000 |
| ZP 2.5/2AN/QV/3 | 20 | 1815750000 |
| ZP 2.5/2AN/QV/4 | 20 | 1815760000 |
| ZP 2.5/2AN/QV/5 | 20 | 1815770000 |
| ZP 2.5/2AN/QV/6 | 20 | 1815780000 |
| ZP 2.5/2AN/QV/7 | 20 | 1815790000 |
| ZP 2.5/2AN/QV/8 | 10 | 1815800000 |
| ZP 2.5/2AN/QV/10 | 10 | 1815820000 |
| ZP 2.5/2AN/QV/11 | 10 | 1815830000 |
| ZP 2.5/2AN/QV/12 | 10 | 1815840000 |
| ZP 2.5/2AN/QV/13 | 5 | 1815850000 |
| ZP 2.5/2AN/QV/14 | 5 | 1815860000 |
| ZP 2.5/2AN/QV/15 | 5 | 1815870000 |
| ZP 2.5/2AN/QV/16 | 5 | 1815880000 |
| ZP 2.5/2AN/QV/1 GN | 50 | 1820590000 |

| Type | current | Qty | Order No. |
|----------------------|---------|-----|------------|
| ZQV 2.5N/2 GE | 24 A | 60 | 1693800000 |
| ZQV 2.5N/3 GE | 24 A | 60 | 1693810000 |
| ZQV 2.5N/10 GE | 24 A | 20 | 1693880000 |
| Width | | | |
| ZTA ZT2.5 | 5.1 mm | 25 | 1827080000 |
| SD 0.6x3.5x100 | | | |
| | | 1 | 9008330000 |
| ESO 7 A4-BOGEN WEISS | | 10 | 1607720000 |
| ZGB 30 | | 20 | 1611930000 |
| STR 7 F.SCHT 7 | | 20 | 0515300000 |

DEK 5/5 / WS 10/5

ZP 4/1AN

4 mm²

1...16-pole



x 22 x 48.5
32 / 6
0.13...6

IEC 60947-7-1 / IEC 61984

| IEC | UL | CSA |
|-------|-------------------------|-----|
| 800 | 600 | 600 |
| 32 | 28 | 28 |
| 4 | AWG 26...10 AWG 26...10 | |
| 8 / 3 | | |
| A3 / | | |



Rated connection

0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

CSA current and voltage according to Gr. C

| Type | Qty | Order No. |
|---------------|-----|------------|
| ZP 4/1AN/1 | 50 | 1848340000 |
| ZP 4/1AN/2 | 25 | 1854990000 |
| ZP 4/1AN/3 | 25 | 1855000000 |
| ZP 4/1AN/4 | 25 | 1855010000 |
| ZP 4/1AN/5 | 20 | 1855020000 |
| ZP 4/1AN/6 | 20 | 1855030000 |
| ZP 4/1AN/7 | 20 | 1855040000 |
| ZP 4/1AN/8 | 20 | 1855050000 |
| ZP 4/1AN/10 | 10 | 1855070000 |
| ZP 4/1AN/11 | 20 | 1855080000 |
| ZP 4/1AN/12 | 10 | 1855090000 |
| ZP 4/1AN/13 | 10 | 1855100000 |
| ZP 4/1AN/14 | 10 | 1855110000 |
| ZP 4/1AN/15 | 10 | 1855120000 |
| ZP 4/1AN/16 | 10 | 1855130000 |
| ZP 4/1AN/1 GN | 50 | 1854980000 |

| Type | current | Qty | Order No. |
|----------------|---------|-----|------------|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| SD 0.6x3.5x100 | | | |
| | | 1 | 9008330000 |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

DEK 5/5 / WS 10/6

Pluggable standard terminals WeiCoS

Coupling

ZPS 2.5/1AN/QV

2.5 mm²

1...16-pole



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|-------------------|
| Width/Length/height with TS35x7.5 | mm |
| max. current / max. cond. cross-section | A/mm ² |
| Max. clamping range | mm ² |

x 41 x 37

24 / 4
0.13...4

Technical data

Rated data

| | |
|--|-----------------|
| Rated voltage | V |
| Rated current | A |
| Rated cross-section | mm ² |
| Rated impulse voltage / Pollution severity | kV/- |
| Gauge to IEC 60947-1 / UL94 Flammability class | |
| Approvals | |

Clamped conductors (H05V/H07V)

| | |
|--|-----------------|
| solid / stranded | mm ² |
| flexible / Stranded wire with end ferrules | mm ² |
| Stripping length / Blade size | mm/- |

Note

IEC 60947-7-1 / IEC 61984

| IEC | UL | CSA |
|-----|-------------|-------------|
| 500 | 300 | 300, 600 |
| 24 | 20 | 20 |
| 2.5 | AWG 26...12 | AWG 26...12 |
| | 6 / 3 | |
| | A2 / | |



Rated connection

| |
|---------------------|
| 0.13...4 |
| 0.5...4 / 0.5...2.5 |
| 10 / 0.6 x 3.5 mm |

CSA voltage / Current Gr.C 300V / 20A Gr.D 600V / 5 A

Ordering data

Version

| | |
|----------------------|--|
| 1-pole | |
| 2-pole | |
| 3-pole | |
| 4-pole | |
| 5-pole | |
| 6-pole | |
| 7-pole | |
| 8-pole | |
| 10-pole | |
| 11-pole | |
| 12-pole | |
| 13-pole | |
| 14-pole | |
| 15-pole | |
| 16-pole | |
| 1-pole (green Wemid) | |

Note

| Type | Qty | Order No. |
|---------------------|-----|------------|
| ZPS 2.5/1AN/QV/1 | 50 | 1865880000 |
| ZPS 2.5/1AN/QV/2 | 20 | 1865900000 |
| ZPS 2.5/1AN/QV/3 | 20 | 1865910000 |
| ZPS 2.5/1AN/QV/4 | 20 | 1865920000 |
| ZPS 2.5/1AN/QV/5 | 20 | 1865930000 |
| ZPS 2.5/1AN/QV/6 | 20 | 1865940000 |
| ZPS 2.5/1AN/QV/7 | 20 | 1865950000 |
| ZPS 2.5/1AN/QV/8 | 10 | 1865960000 |
| ZPS 2.5/1AN/QV/10 | 10 | 1865980000 |
| ZPS 2.5/1AN/QV/11 | 10 | 1865990000 |
| ZPS 2.5/1AN/QV/12 | 10 | 1866000000 |
| ZPS 2.5/1AN/QV/13 | 10 | 1866010000 |
| ZPS 2.5/1AN/QV/14 | 10 | 1866020000 |
| ZPS 2.5/1AN/QV/15 | 10 | 1866030000 |
| ZPS 2.5/1AN/QV/16 | 10 | 1866040000 |
| ZPS 2.5/1AN/QV/1 GN | 50 | 1865890000 |

Accessories

Pluggable cross-connection



| | |
|---------|--|
| 2-pole | |
| 3-pole | |
| 10-pole | |

Test adapter

Standard

Screwdriver

Standard

Group designation

| | |
|--------------------------------|--|
| Push-in tag, blank | |
| Group designation | |
| Protective strips, transparent | |

| Type | current | Qty | Order No. |
|----------------------|---------|-----|------------|
| ZQV 2.5N/2 GE | 24 A | 60 | 1693800000 |
| ZQV 2.5N/3 GE | 24 A | 60 | 1693810000 |
| ZQV 2.5N/10 GE | 24 A | 20 | 1693880000 |
| Width | | | |
| ZTA ZT2.5 | 5.1 mm | 25 | 1827080000 |
| SD 0.6x3.5x100 | | | |
| | | 1 | 9008330000 |
| ESO 7 A4-BOGEN WEISS | | | |
| | | 10 | 1607720000 |
| ZGB 30 | | | |
| | | 20 | 1611930000 |
| STR 7 F.SCHT 7 | | | |
| | | 20 | 0515300000 |

Marking systems

(see assortment in catalogue 7)

Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

DEK 5/5 / WS 10/5

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Pluggable standard terminals WeiCos

WeiCoS – single slice elements

Single slice elements for self-assembly

The WeiCoS single slice elements from Weidmüller enhance flexibility by providing a solution for almost every application. The plug-in connectors are piped together to offer a compact modular solution directly in situ to suit the particular application. These single slices are available in green (GN) and beige (BE).

Single slice element ZP 2.5/1AN plug



Single slice element ZP 2.5/1AN/QV plug



Ordering data

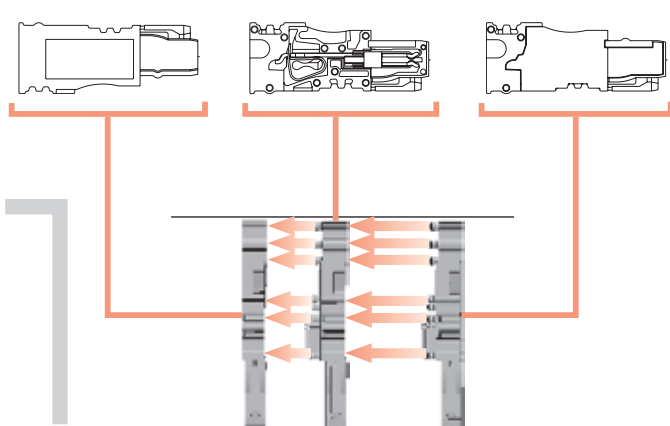
| Type | Qty. | Order No. |
|-----------------------|------|------------|
| ZP 2.5/1AN | 50 | 1875150000 |
| ZP 2.5/1AN BL | 50 | 1009060000 |
| ZP 2.5/1AN GN | 50 | 1875180000 |
| ZP 2.5/1AN ZA O.RA | 50 | 1875210000 |
| ZP 2.5/1AN ZA O.RA BL | 50 | 1972980000 |
| ZP 2.5/1AN ZA O.RA GN | 50 | 1875220000 |
| ZP 2.5/1AN ZA | 50 | 1875190000 |
| ZP 2.5/1AN ZA BL | 50 | 1009070000 |
| ZP 2.5/1AN ZA GN | 50 | 1875200000 |

Ordering data

| Type | Qty. | Order No. |
|-------------------------|------|------------|
| ZP 2.5/1AN/QV | 50 | 1007900000 |
| ZP 2.5/1AN/QV ZA O.RA | 50 | 1007960000 |
| ZP 2.5/1AN/QV ZA | 50 | 1007930000 |
| ZP 2.5/1AN/QV BL | 50 | 1007910000 |
| ZP 2.5/1AN/QV ZAO.RA BL | 50 | 1007970000 |
| ZP 2.5/1AN/QV ZA BL | 50 | 1007940000 |
| ZP 2.5/1AN/QV GN | 50 | 1007920000 |
| ZP 2.5/1AN/QV ZAO.RA GN | 50 | 1007980000 |
| ZP 2.5/1AN/QV ZA GN | 50 | 1007950000 |

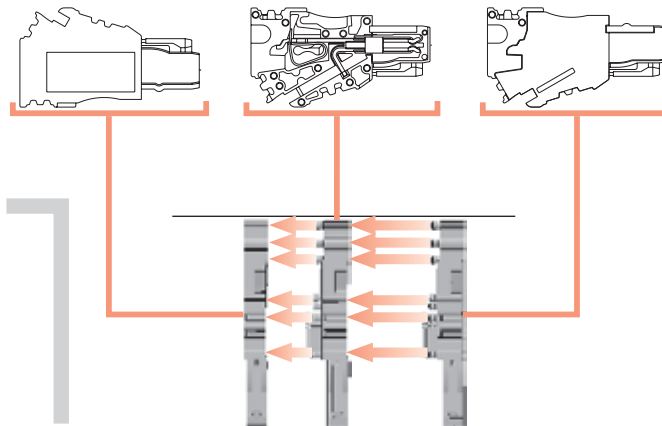
Construction of plug:

- | | | |
|---|--|---|
| 1 start element 1875150000 BE 1009060000 BL 1875180000 GN | n-2 core element 1875210000 BE 1972980000 BL 1875220000 GN | 1 end element 1875190000 BE 1009070000 BL 1875200000 GN |
|---|--|---|

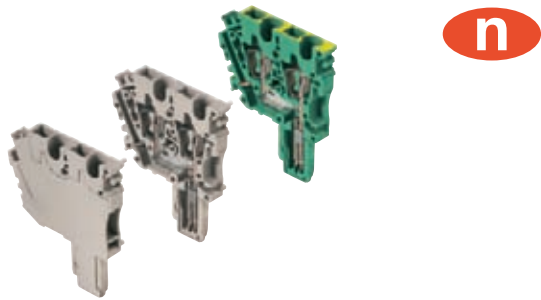


Construction of plug:

- | | | |
|---|--|---|
| 1 start element 1007900000 BE 1007910000 BL 1007920000 GN | n-2 core element 1007960000 BE 1007970000 BL 1007980000 GN | 1 end element 1007930000 BE 1007940000 BL 1007950000 GN |
|---|--|---|



Single slice element ZP 2.5/2AN/QV plug



Ordering data

| Type | Qty. | Order No. |
|-------------------------|------|------------|
| ZP 2.5/2AN/QV | 50 | 1007810000 |
| ZP 2.5/2AN/QV ZA O.RA | 50 | 1007870000 |
| ZP 2.5/2AN/QV ZA | 50 | 1007840000 |
| ZP 2.5/2AN/QV BL | 50 | 1007820000 |
| ZP 2.5/2AN/QV ZAO.RA BL | 50 | 1007880000 |
| ZP 2.5/2AN/QV ZA BL | 50 | 1007850000 |
| ZP 2.5/2AN/QV GN | 50 | 1007830000 |
| ZP 2.5/2AN/QV ZAO.RA GN | 50 | 1007890000 |
| ZP 2.5/2AN/QV ZA GN | 50 | 1007860000 |

Single slice element ZPS coupling

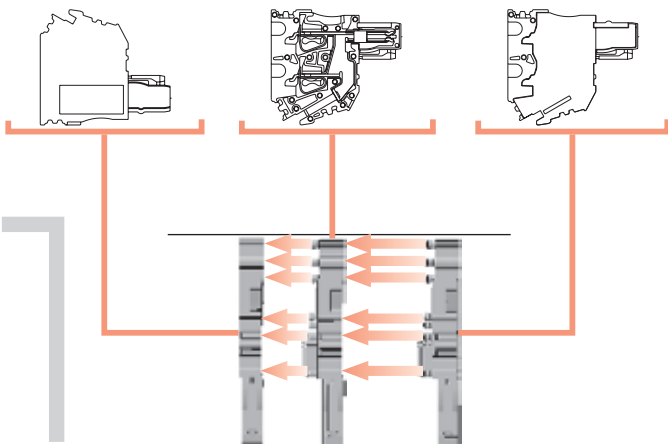


Ordering data

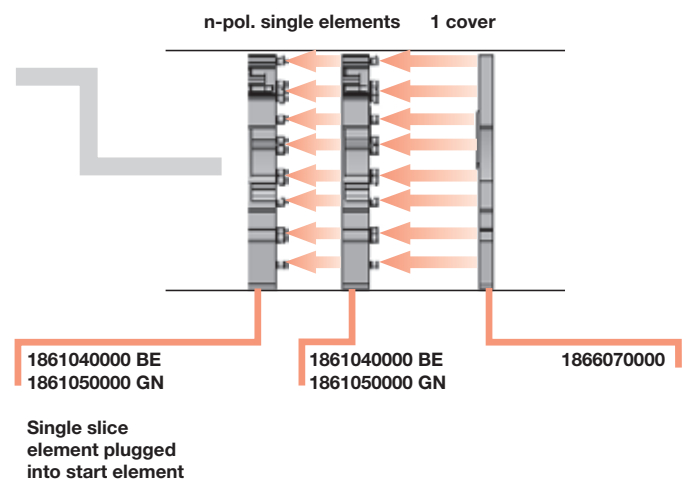
| Type | Qty. | Order No. |
|--------------------|------|------------|
| GHDE ZPS 2.5/1AN | 50 | 1866070000 |
| ZPS 2.5/1AN/QV/1GN | 50 | 1861050000 |
| ZPS 2.5/1AN/QV | 50 | 1861040000 |
| | | |
| | | |
| | | |
| | | |
| | | |

Construction of plug:

- | | | |
|------------------------|-------------------------|----------------------|
| 1 start element | n-2 core element | 1 end element |
| 1007810000 BE | 1007870000 BE | 1007840000 BE |
| 1007820000 BL | 1007880000 BL | 1007850000 BL |
| 1007830000 GN | 1007890000 GN | 1007860000 GN |



Construction of coupling:



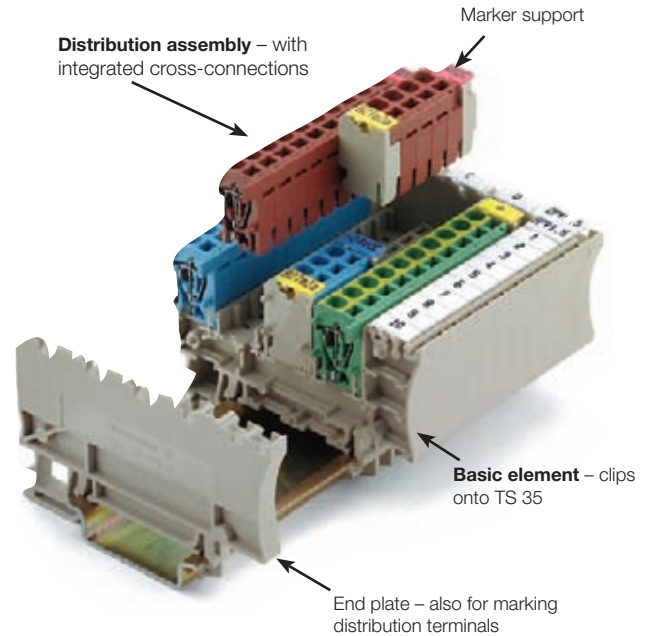
Distribution System

This modular system is based on the in-row individual modules of the distribution assembly with their integrated cross-connection.

The female contact is on one side, and the male contact on the other. The modular slice structure results in variable distribution assemblies depending on the application.

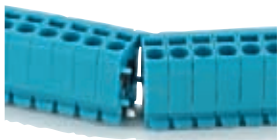
D The supports for these module combinations are the basic elements which simply clip onto TS-35 mounting rails. The basic elements are available in different versions:

- Simple support elements without electric function (ZPV 1.5)
- Basic elements for supplying initiators and actuators as 3- or 4-core connection



ZPV 1.5 – for easy assembly of variable pole numbers

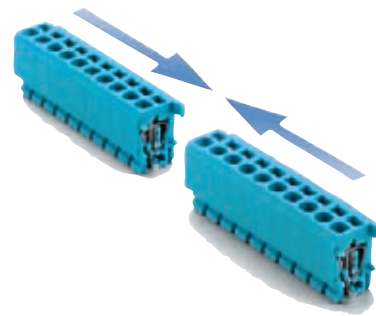
- Easily separated
- Easily plugged into each other



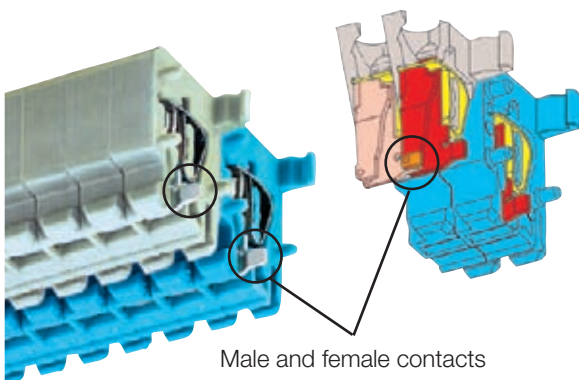
... by hand



... with a screwdriver



- Integrated cross-connection
- Clips onto the basic elements by hand

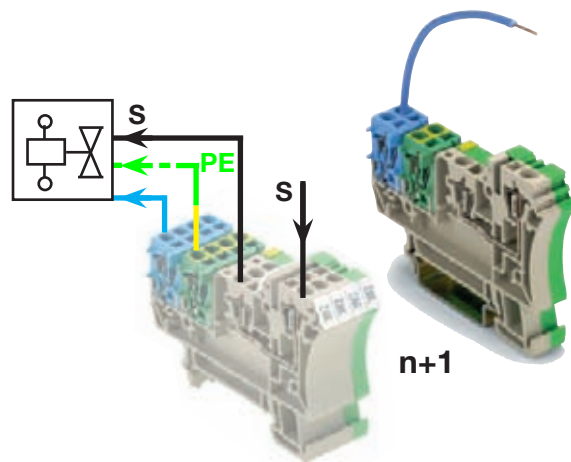
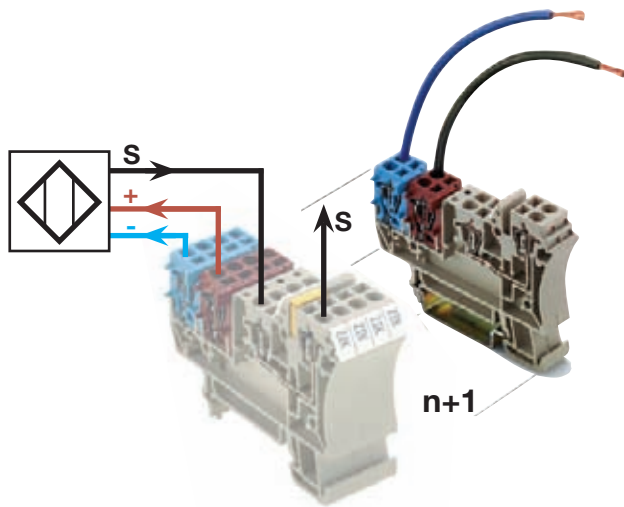


Supplying initiators and actuators

The modular distribution assembly is a convenient way of supplying power to initiators and actuators.

An additional basic element is used as a supply element which distributes the power to individual consumers across the cross-connected distribution terminals.

The control or information signal (S) is forwarded via the two clamping points of the basic elements. These can also be supplied optionally with an LED for status display.



Initiator supply

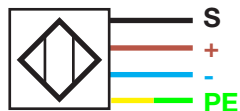
- via 1 additional standard basic element
- => n + 1 basic elements
- => n + 1 distribution assembly element for each circuit path (n = number of initiators)

Actuator supply

- via 1 additional standard basic element
- => n + 1 PE basic elements
- => n + 1 distribution assembly element for each circuit path (n = no. of actuators)

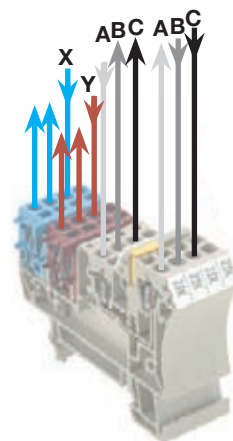
4-core basic elements are used for initiator supply with additional PE connection; these can take 3 distribution terminals.

For design reasons, the PE basic element is always positioned on the left at the beginning of a terminal series, and is only required once.



Or:
Combined feed-through terminal (A, B, C) and potential distribution terminal (X, Y)

Distribution assembly elements without male and female contacts and cross-connections for the feed-through terminal part make possible a great many different wiring solutions.



Initiator and actuator terminals

The modular distribution strip system

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|-------------------|
| Width/Length/height with TS35x7.5 | mm |
| max. current / max. cond. cross-section | A/mm ² |
| Max. clamping range | mm ² |

Technical data

| Rated data | |
|--|-----------------|
| Rated voltage | V |
| max. voltage of pluggable system | V |
| Rated current | A |
| Rated cross-section | mm ² |
| Rated impulse voltage / Pollution severity | kV/- |
| Gauge to IEC 60947-1 / UL94 Flammability class | |
| Approvals | |
| Clamped conductors (H05V/H07V) | |
| solid / stranded | mm ² |
| flexible / Stranded wire with end ferrules | mm ² |
| Stripping length / Blade size | mm/- |

Note

Ordering data

| Base terminal | |
|----------------------------|------------------------|
| | Base terminal |
| | Base terminal with LED |
| | PE base terminal |
| Modular distribution strip | |
| | Dark beige Wemid |
| | Brown Wemid |
| | Blue Wemid |
| | green/yellow Wemid |
| | Dark beige Wemid |
| Note | |

Accessories

| Pluggable cross-connection | |
|----------------------------|---|
| | 2-pole |
| | 3-pole |
| | 4-pole |
| | 10-pole |
| | 50-pole |
| End plate / partition | |
| | Dark beige Wemid |
| Screwdriver | |
| | Standard |
| Reducing sleeves | |
| | For conductors < 0,5 mm ² / AWG 20 |
| | For conductors < 1,0 mm ² / AWG 18 |

Marking systems (see assortment in catalogue 7)

Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

ZPV 1.5

1.5 mm²

Base element



6.7 x 67.8 x 38
/
...

IEC 60947-7-1

| IEC | UL | CSA |
|-------|-------------|-------------|
| 250 | 300 | 300 |
| 17.5 | 10 | 10 |
| 1.5 | AWG 26...14 | AWG 26...14 |
| 4 / 3 | | |
| / V-0 | | |



| Rated connection | Rated connection |
|------------------|------------------|
| | |

| Type | Qty | Order No. |
|---|-----|------------|
| ZPV 1.5 | 100 | 1676630000 |
| Type | Qty | Order No. |
| ZVL 1.5 | 100 | 1649300000 |
| ZVL 1.5 BR | 100 | 1650370000 |
| ZVL 1.5 BL | 100 | 1650360000 |
| ZVL 1.5/PE GN/GE BED | 100 | 1651970000 |
| ZVL 1.5 O.QV | 100 | 1711930000 |
| ZVL 1.5 O.QV = distribution strip without internal bridge for park position | | |

| Type | Qty | Order No. |
|----------------|--------|---------------|
| | | |
| Width | | |
| ZAP/TW ZPV1.5 | 5.1 mm | 50 1674650000 |
| | | |
| SD 0.6x3.5x100 | 1 | 9008330000 |
| | | |
| | | |
| | | |
| | | |
| | | |

DEK 5/5 / WS 12/5

For holding the ZVL 1.5 distribution strip

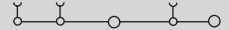
ZIA 1.5/3 L...

1.5 mm²

Base element 3-wire



5.1 x 68.5 x 46
/ 2.5
0.13...2.5



IEC 60947-7-1

| IEC | UL | CSA |
|----------|-------------|-------------|
| 250 | 300 | 300 |
| 17.5 | 10 | 10 |
| 1.5 | AWG 26...14 | AWG 26...14 |
| 4 / 3 | | |
| A1 / V-0 | | |



| Rated connection | Rated connection |
|-----------------------|-----------------------|
| 0.5...2.5 | 0.5...2.5 |
| 0.5...2.5 / 0.5...1.5 | 0.5...2.5 / 0.5...1.5 |
| 8 / 0.6 x 3.5 mm | 8 / 0.6 x 3.5 mm |

Bi-directional LED in ZIA 1.5/3L-1/LD (1651990000)

| Type | Qty | Order No. |
|---|-----|------------|
| ZIA 1.5/3L-1S | 100 | 1651980000 |
| ZIA 1.5/3L-1S/LD | 50 | 1651990000 |
| ZIA 1.5/3L-PE | 20 | 1652000000 |
| Type | Qty | Order No. |
| ZVL 1.5 | 100 | 1649300000 |
| ZVL 1.5 BR | 100 | 1650370000 |
| ZVL 1.5 BL | 100 | 1650360000 |
| ZVL 1.5/PE GN/GE BED | 100 | 1651970000 |
| ZVL 1.5 O.QV | 100 | 1711930000 |
| ZVL 1.5 O.QV = distribution strip without internal bridge for park position | | |

| Type | current | Qty | Order No. |
|------------------|---------|------|------------|
| ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| ZQV 2.5/50 | 24 A | 10 | 1697540000 |
| Width | | | |
| ZAP/TW ZIA1.5/3L | 5.1 mm | 50 | 1649540000 |
| | | | |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| | | | |
| ZRH 1.5N/1 | | 1000 | 1632140000 |
| ZRH 1.5N/2 | | 1000 | 1632130000 |

DEK 5/5

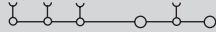
ZIA 1.5/4 L...

1.5 mm²

Base element 4-wire



5.1 x 81.5 x 46
/ 2.5
0.13...2.5



IEC 60947-7-1

| IEC | UL | CSA |
|----------|-------------|-------------|
| 250 | 300 | 300 |
| 17.5 | 10 | 10 |
| 1.5 | AWG 26...14 | AWG 26...14 |
| 4 / 3 | | |
| A1 / V-0 | | |

| Rated connection | |
|-----------------------|-----------------------|
| 0.5...2.5 | 0.5...2.5 |
| 0.5...2.5 / 0.5...1.5 | 0.5...2.5 / 0.5...1.5 |
| 8 / 0.6 x 3.5 mm | 8 / 0.6 x 3.5 mm |

Bi-directional LED in ZIA 1.5/4L-1/LD (1652020000)

| Type | Qty | Order No. |
|---|-----|------------|
| ZIA 1.5/4L-1S | 100 | 1652010000 |
| ZIA 1.5/4L-1S/LD | 50 | 1652020000 |
| ZIA 1.5/4L-PE | 20 | 1652030000 |
| Type | Qty | Order No. |
| ZVL 1.5 | 100 | 1649300000 |
| ZVL 1.5 BR | 100 | 1650370000 |
| ZVL 1.5 BL | 100 | 1650360000 |
| ZVL 1.5/PE GN/GE BED | 100 | 1651970000 |
| ZVL 1.5 O.QV | 100 | 1711930000 |
| ZVL 1.5 O.QV = distribution strip without internal bridge for park position | | |

| Type | current | Qty | Order No. |
|-----------------|---------|------|------------|
| ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| ZQV 2.5/50 | 24 A | 10 | 1697540000 |
| Width | | | |
| ZAP/TWZIA1.5/4L | 5.1 mm | 50 | 1649550000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| Width | | | |
| ZRH 1.5N/1 | | 1000 | 1632140000 |
| ZRH 1.5N/2 | | 1000 | 1632130000 |

DEK 5/5

ZVL 1.5

1.5 mm²

Distribution strip



5.1 x 12.9 x 17.4
/ 2.5
0.13...2.5



IEC 60947-7-1

| IEC | UL | CSA |
|----------|-------------|-------------|
| 250 | 300 | 300 |
| 17.5 | 10 | 10 |
| 1.5 | AWG 26...14 | AWG 26...14 |
| 4 / 3 | | |
| A2 / V-0 | | |

| Rated connection | |
|-----------------------|-----------------------|
| 0.5...2.5 | 0.5...2.5 |
| 0.5...2.5 / 0.5...1.5 | 0.5...2.5 / 0.5...1.5 |
| 7 / 0.6 x 3.5 mm | 7 / 0.6 x 3.5 mm |

| Type | Qty | Order No. |
|---|-----|------------|
| ZVL 1.5 | 100 | 1649300000 |
| ZVL 1.5 BR | 100 | 1650370000 |
| ZVL 1.5 BL | 100 | 1650360000 |
| ZVL 1.5/PE GN/GE BED | 100 | 1651970000 |
| ZVL 1.5 O.QV | 100 | 1711930000 |
| ZVL 1.5 O.QV = distribution strip without internal bridge for park position | | |

| Type | Qty | Order No. |
|----------------|------|------------|
| SD 0.6x3.5x100 | 1 | 9008330000 |
| Width | | |
| ZRH 1.5N/1 | 1000 | 1632140000 |
| ZRH 1.5N/2 | 1000 | 1632130000 |

DEK 5/5

Integral cross-connections.
Distributor strip for base element ZPV 1.5 order No. 1676630000

Mini terminals

Modular design

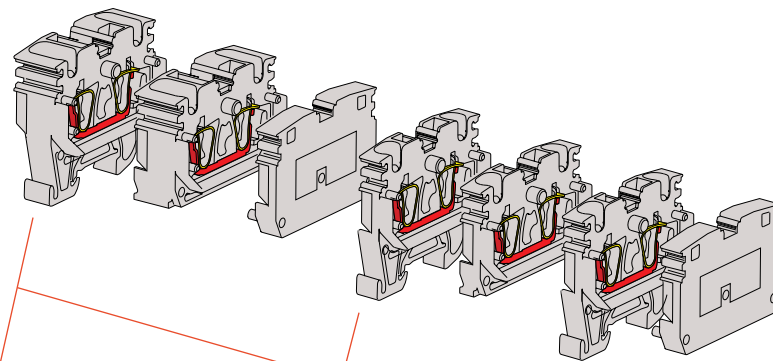
This mini-terminal family in tension clamp technology can be used to assemble individual blocks with 2- and 4-pole terminals.

An individual colour scheme for individual connection groups allows visual differentiation between different circuits.

With a structural width of only 5 mm (2 connections) or 10 mm (4 connections), the TOP connection system guarantees clearly organised wiring of circuits, even in terminal boxes with restricted space.

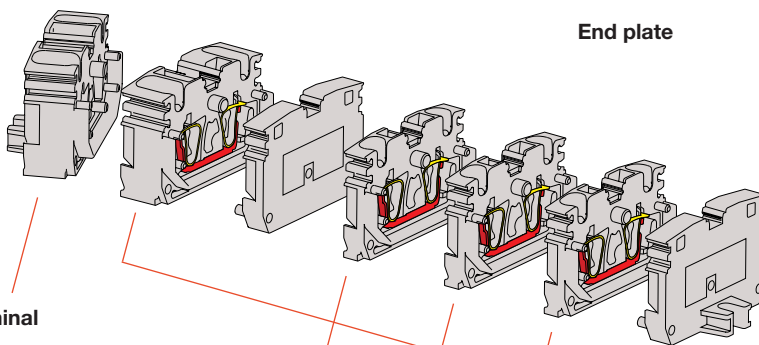
There are three different marking options for quick and clear identification of each terminal.

Made of Weidmüller's top quality WEMID insulation, all block terminals comply with requirements for a V0 flammability class to UL94.



**Middle terminal
for mounting rail TS 15**

End plate



End terminal

**Middle terminals
for direct mounting**

End terminal

Individual blocks are put together from **middle terminals** and an end plate for the open side. Screw fastening involves the first middle terminal and the **end plate** being replaced by end terminals for fastening purposes. With the other fastening variations, **middle terminals with means of fastening** are integrated within the block or a **mounting foot (MOFU)** is used for fitting to the mounting rail.

... with 4 different means of fastening



ZDUB 2.5-2 DM

Direct mounting with screw fastening on mounting plate

The fastening terminals on the right and left of the terminal block are mounted using M3 screws. Central fastening is not possible in this case.



ZDUB 2.5-2 RC

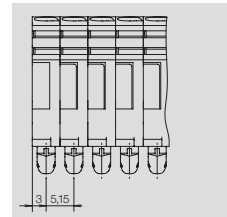
Clip-on fastening on mounting plates

The terminals are simply clipped onto mounting plates 0.6 – 1.2 mm thick with the clips in the 3.5 mm holes.

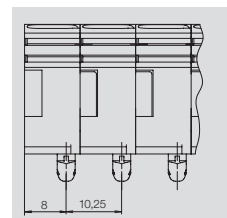
The open side of the terminal is closed by an end plate.



Drilling plan:
ZDUB/2.5-2/2AN



ZDUB 2.5-2/4AN



ZPEB 2.5-2 TS 15

Fitting on mounting rail TS 15

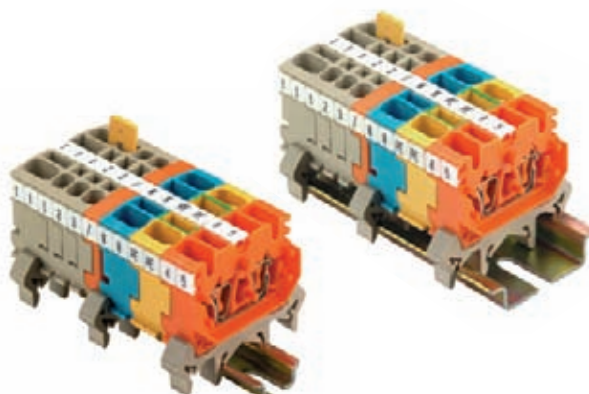
For clipping on mounting rail TS 15. The open side of the terminal is closed by an end plate.



MOFU TS 15/35

Mounting foot for mounting rail TS 15/35

The mounting foot can be used for clipping terminal blocks consisting only of middle terminals either to TS 15 or TS 35 mounting rails.



Mini terminals

Terminal blocks for different fixing systems

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|-------------------|
| Width/Length/Height | mm |
| max. current / max. cond. cross-section | A/mm ² |
| Max. clamping range | mm ² |

Technical data

| Rated data | |
|--|-----------------|
| Rated voltage | V |
| Rated current | A |
| Rated cross-section | mm ² |
| Rated impulse voltage / Pollution severity | kV/- |
| Gauge to IEC 60947-1 / UL94 Flammability class | |
| Approvals | |
| Clamped conductors (H05V/H07V) | |
| solid / stranded | mm ² |
| flexible / Stranded wire with end ferrules | mm ² |
| Stripping length / Blade size | mm/- |
| Note | |

Ordering data

| Central terminals | |
|-------------------|------------------|
| | Dark beige Wemid |
| | Blue Wemid |
| | yellow Wemid |
| Note | |

Accessories

| Pluggable cross-connection | |
|----------------------------|------------------|
| | 2-pole |
| End plate / partition | |
| | Dark beige Wemid |
| | Blue Wemid |
| | Orange PA |
| Screwdriver | |
| | Standard |

Marking systems (see assortment in catalogue 7)
Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

ZDUB 2.5-2/2AN/RC

2.5 mm²

Two connections



| | |
|-------------------|--|
| 5.1 x 33.2 x 28.8 | |
| 30 / 4 | |
| 0.13...4 | |

| IEC 60947-7-1 | | | | Ex e ll II 2 G D | | | |
|---------------|-------------|-------------|------------|-----------------------|--|--|--|
| IEC | UL | CSA | EN 60079-7 | | | | |
| 800 | 600 | 600 | 550 | | | | |
| 24 | 20 | 25 | 21 | | | | |
| 2.5 | AWG 26...12 | AWG 26...12 | 2.5 | | | | |
| | | | | 8 / 3 | | | |
| | | | | A2 / V-0 | | | |
| | | | | KEMA 97ATEX2755 U | | | |
| | | | | 0.5...4 | | | |
| | | | | 0.5...2.5 / 0.5...1.5 | | | |
| | | | | 10 / 0.6 x 3.5 mm | | | |
| | | | | Snap-on clip | | | |

| Type | Qty | Order No. |
|---|-----|-------------------|
| ZDUB 2.5-2/2AN/RC | 100 | 1712820000 |
| ZDUB 2.5-2/2AN/RC BL | 100 | 1712830000 |
| ZDUB 2.5-2/2AN/RC GE | 100 | 1712850000 |
| Diameter of mounting hole for locating clip is 3.5 mm for sheet thickness 0.6-1.2 mm. | | |

| Type | current | Qty | Order No. |
|----------------|---------|-----|-------------------|
| ZQB 2.5-2 | 24 A | 50 | 1677120000 |
| Width | | | |
| ZAP ZDUB | 5 mm | 50 | 1704750000 |
| ZAP ZDUB BL | 5 mm | 50 | 1704760000 |
| ZAP ZDUB OR | 5 mm | 50 | 1704770000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |

DEK 5/5 / WS 10/5
Terminals can be cross-connected with the help of the ZQB 2.5 (1677120000).

ZDUB 2.5-2/4AN/RC

2.5 mm²

Four connections



| | |
|------------------|--|
| 10.2 x 33.5 x 29 | |
| 30 / 4 | |
| 0.13...4 | |

| IEC 60947-7-1 | | | | Ex e ll II 2 G D | | | |
|---------------|-------------|-------------|------------|-----------------------|--|--|--|
| IEC | UL | CSA | EN 60079-7 | | | | |
| 800 | 600 | 600 | 550 | | | | |
| 24 | 20 | 25 | 21 | | | | |
| 2.5 | AWG 26...12 | AWG 26...12 | 2.5 | | | | |
| | | | | 8 / 3 | | | |
| | | | | A2 / V-0 | | | |
| | | | | KEMA 97ATEX2755 U | | | |
| | | | | 0.5...4 | | | |
| | | | | 0.5...2.5 / 0.5...1.5 | | | |
| | | | | 10 / 0.6 x 3.5 mm | | | |
| | | | | Snap-on clip | | | |

| Type | Qty | Order No. |
|---|-----|-------------------|
| ZDUB 2.5-2/4AN/RC | 100 | 1712970000 |
| ZDUB 2.5-2/4AN/RC BL | 100 | 1712980000 |
| ZDUB 2.5-2/4AN/RC GE | 100 | 1713000000 |
| Diameter of mounting hole for locating clip is 3.5 mm for sheet thickness 0.6-1.2 mm. | | |

| Type | current | Qty | Order No. |
|----------------|---------|-----|-------------------|
| ZQB 2.5-2 | 24 A | 50 | 1677120000 |
| Width | | | |
| ZAP ZDUB | 5 mm | 50 | 1704750000 |
| ZAP ZDUB BL | 5 mm | 50 | 1704760000 |
| ZAP ZDUB OR | 5 mm | 50 | 1704770000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |

DEK 5/5 / WS 10/5
Terminals can be cross-connected with the help of the ZQB 2.5 (1677120000).

Terminal blocks for different fixing systems

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|-------------------|
| Width/Length/Height | mm |
| max. current / max. cond. cross-section | A/mm ² |
| Max. clamping range | mm ² |

Technical data

| Rated data | |
|--|-----------------|
| Rated voltage | V |
| Rated current | A |
| Rated cross-section | mm ² |
| Rated impulse voltage / Pollution severity | kV/- |
| Gauge to IEC 60947-1 / UL94 Flammability class | |
| Approvals | |
| Clamped conductors (H05V/H07V) | |
| solid / stranded | mm ² |
| flexible / Stranded wire with end ferrules | mm ² |
| Stripping length / Blade size | mm/- |

Note

Ordering data

| Central terminals | |
|-------------------|--|
| Dark beige Wemid | |
| Blue Wemid | |
| yellow Wemid | |
| End terminals | |
| Dark beige Wemid | |
| Blue Wemid | |
| yellow Wemid | |

Note

Accessories

| Pluggable cross-connection | |
|-------------------------------|--|
| 2-pole | |
| End plate / partition | |
| Dark beige Wemid | |
| Blue Wemid | |
| Orange PA | |
| Mounting blocks | |
| Dark beige Wemid | |
| Screwdriver | |
| Standard | |
| Mounting foot for TS15 & TS35 | |
| Dark beige Wemid | |

Marking systems (see assortment in catalogue 7)

Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

ZDUB 2.5-2/2AN/DM

2.5 mm²

Two connections



| |
|-----------------|
| 5.1 x 33.5 x 24 |
| 30 / 4 |
| 0.13...4 |

IEC 60947-7-1 Ex e ll II 2 G D

| IEC | UL | CSA | EN 60079-7 |
|----------|-------------|-------------|------------|
| 800 | 600 | 600 | 550 |
| 24 | 20 | 25 | 21 |
| 2.5 | AWG 26...12 | AWG 26...12 | 2.5 |
| 8 / 3 | | | |
| A2 / V-0 | | | |

KEMA 97ATEX2755 U

| |
|-----------------------|
| 0.5...4 |
| 0.5...2.5 / 0.5...1.5 |
| 10 / 0.6 x 3.5 mm |

Direct mounting

| Type | Qty | Order No. |
|----------------------|-----|-------------------|
| ZDUB 2.5-2/2AN/DM | 100 | 1704350000 |
| ZDUB 2.5-2/2AN/DM BL | 100 | 1704360000 |
| ZDUB 2.5-2/2AN/DM GE | 100 | 1704380000 |
| ZDUB 2.5-2/2AN/DB | 100 | 1704500000 |
| ZDUB 2.5-2/2AN/DB BL | 100 | 1704510000 |
| ZDUB 2.5-2/2AN/DB GE | 100 | 1704530000 |

| Type | current | Qty | Order No. |
|-----------------|---------|-----|-------------------|
| ZQB 2.5-2 | 24 A | 50 | 1677120000 |
| Width | | | |
| ZAP ZDUB | 5 mm | 50 | 1704750000 |
| ZAP ZDUB BL | 5 mm | 50 | 1704760000 |
| ZAP ZDUB OR | 5 mm | 50 | 1704770000 |
| ZBB ZDUB | 5.1 mm | 50 | 1704740000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| MOFU 15/35 ZDUB | 5 mm | 50 | 1723660000 |

DEK 5/5 / WS 10/5

Terminals can be cross-connected with the help of the ZQB 2.5 (1677120000).

ZDUB 2.5-2/4AN/DM

2.5 mm²

Four connections



| |
|------------------|
| 10.2 x 33.5 x 24 |
| 30 / 4 |
| 0.13...4 |

IEC 60947-7-1 Ex e ll II 2 G D

| IEC | UL | CSA | EN 60079-7 |
|----------|-------------|-------------|------------|
| 800 | 600 | 600 | 550 |
| 24 | 20 | 25 | 21 |
| 2.5 | AWG 26...12 | AWG 26...12 | 2.5 |
| 8 / 3 | | | |
| A2 / V-0 | | | |

KEMA 97ATEX2755 U

| |
|-----------------------|
| 0.5...4 |
| 0.5...2.5 / 0.5...1.5 |
| 10 / 0.6 x 3.5 mm |

Direct mounting

| Type | Qty | Order No. |
|----------------------|-----|-------------------|
| ZDUB 2.5-2/4AN/DM | 100 | 1704540000 |
| ZDUB 2.5-2/4AN/DM BL | 100 | 1704550000 |
| ZDUB 2.5-2/4AN/DM GE | 100 | 1704570000 |
| ZDUB 2.5-2/4AN/DB | 100 | 1704690000 |
| ZDUB 2.5-2/4AN/DB BL | 100 | 1704700000 |
| ZDUB 2.5-2/4AN/DB GE | 100 | 1704720000 |

| Type | current | Qty | Order No. |
|-----------------|---------|-----|-------------------|
| ZQB 2.5-2 | 24 A | 50 | 1677120000 |
| Width | | | |
| ZAP ZDUB | 5 mm | 50 | 1704750000 |
| ZAP ZDUB BL | 5 mm | 50 | 1704760000 |
| ZAP ZDUB OR | 5 mm | 50 | 1704770000 |
| ZBB ZDUB | 5.1 mm | 50 | 1704740000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| MOFU 15/35 ZDUB | 5 mm | 50 | 1723660000 |

DEK 5/5 / WS 10/5

Terminals can be cross-connected with the help of the ZQB 2.5 (1677120000).

Mini terminals

Terminal blocks for different fixing systems

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|-------------------|
| Width/Length/height with TS15x7.5 | mm |
| max. current / max. cond. cross-section | A/mm ² |
| Max. clamping range | mm ² |

Technical data

| Rated data | |
|--|-----------------|
| Rated voltage | V |
| Rated current | A |
| Rated cross-section | mm ² |
| Rated impulse voltage / Pollution severity | kV/- |
| Gauge to IEC 60947-1 / UL94 Flammability class | |
| Approvals | |
| Clamped conductors (H05V/H07V) | |
| solid / stranded | mm ² |
| flexible / Stranded wire with end ferrules | mm ² |
| Stripping length / Blade size | mm/- |
| Note | |

Ordering data

| Central terminals | |
|-------------------|--------------------|
| | Dark beige Wemid |
| | Blue Wemid |
| | green/yellow Wemid |
| Note | |

Accessories

| Pluggable cross-connection | |
|----------------------------|------------------|
| | 2-pole |
| | 3-pole |
| | 4-pole |
| | 10-pole |
| | 50-pole |
| End plate / partition | |
| | Dark beige Wemid |
| | Blue Wemid |
| | Orange PA |
| End bracket | |
| Screwdriver | |
| | Standard |

Marking systems (see assortment in catalogue 7)
Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section

ZDUB 2.5-2/2AN/TS15

2.5 mm²

Two connections



| | |
|-----------------|--|
| 5.1 x 33.5 x 32 | |
| 30 / 4 | |
| 0.13...4 | |

| IEC 60947-7-1 | | | | Ex e ll II 2 G D | | | |
|-----------------------|-------------|-------------|------------|-------------------|-------------|-------------|------------|
| IEC | UL | CSA | EN 60079-7 | IEC | UL | CSA | EN 60079-7 |
| 800 | 600 | 600 | 550 | 800 | 600 | 600 | 550 |
| 24 | 20 | 25 | 21 | 24 | 20 | 25 | 21 |
| 2.5 | AWG 26...12 | AWG 26...12 | 2.5 | 2.5 | AWG 26...12 | AWG 26...12 | 2.5 |
| | | | | 8 / 3 | | | |
| | | | | A2 / V-0 | | | |
| | | | | KEMA 97ATEX2755 U | | | |
| Rated connection | | | | | | | |
| 0.5...4 | | | | | | | |
| 0.5...2.5 / 0.5...1.5 | | | | | | | |
| 10 / 0.6 x 3.5 mm | | | | | | | |
| Note | | | | | | | |
| TS 15 - block design | | | | | | | |

| Type | Qty | Order No. |
|----------------------|-----|------------|
| ZDUB 2.5-2/2AN/15 | 100 | 1712750000 |
| ZDUB 2.5-2/2AN/15 BL | 100 | 1712760000 |
| Note | | |

| Type | current | Qty | Order No. |
|----------------|---------|-----|------------|
| ZQB 2.5-2 | 24 A | 50 | 1677120000 |
| Width | | | |
| ZAP ZDUB | 5 mm | 50 | 1704750000 |
| ZAP ZDUB BL | 5 mm | 50 | 1704760000 |
| ZAP ZDUB OR | 5 mm | 50 | 1704770000 |
| Note | | | |
| ZEW 15 | 5 mm | 20 | 7920340000 |
| Note | | | |
| SD 0.6x3.5x100 | | 1 | 9008330000 |

DEK 5/5 / WS 10/5
Terminals can be cross-connected with the help of the ZQB 2.5 (1677120000).

ZDUB 2.5-2/4AN/TS15

2.5 mm²

Four connections



| | |
|------------------|--|
| 10.2 x 33.5 x 32 | |
| 30 / 4 | |
| 0.13...4 | |

| IEC 60947-7-1 | | | | Ex e ll II 2 G D | | | |
|-----------------------|-------------|-------------|------------|-------------------|-------------|-------------|------------|
| IEC | UL | CSA | EN 60079-7 | IEC | UL | CSA | EN 60079-7 |
| 800 | 600 | 600 | 550 | 800 | 600 | 600 | 550 |
| 24 | 20 | 25 | 21 | 24 | 20 | 25 | 21 |
| 2.5 | AWG 26...12 | AWG 26...12 | 2.5 | 2.5 | AWG 26...12 | AWG 26...12 | 2.5 |
| | | | | 8 / 3 | | | |
| | | | | A2 / V-0 | | | |
| | | | | KEMA 97ATEX2755 U | | | |
| Rated connection | | | | | | | |
| 0.5...4 | | | | | | | |
| 0.5...2.5 / 0.5...1.5 | | | | | | | |
| 10 / 0.6 x 3.5 mm | | | | | | | |
| Note | | | | | | | |
| TS 15 - block design | | | | | | | |

| Type | Qty | Order No. |
|----------------------|-----|------------|
| ZDUB 2.5-2/4AN/15 | 100 | 1712780000 |
| ZDUB 2.5-2/4AN/15 BL | 100 | 1712790000 |
| Note | | |

| Type | current | Qty | Order No. |
|----------------|---------|-----|------------|
| ZQB 2.5-2 | 24 A | 50 | 1677120000 |
| Width | | | |
| ZAP ZDUB | 5 mm | 50 | 1704750000 |
| ZAP ZDUB BL | 5 mm | 50 | 1704760000 |
| ZAP ZDUB OR | 5 mm | 50 | 1704770000 |
| Note | | | |
| ZEW 15 | 5 mm | 20 | 7920340000 |
| Note | | | |
| SD 0.6x3.5x100 | | 1 | 9008330000 |

DEK 5/5 / WS 10/5
Terminals can be cross-connected with the help of the ZQB 2.5 (1677120000).

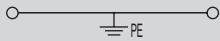
ZPEB 2.5-2

2.5 mm²

Two connections



5.1 x 33.5 x 32
/ 4
0.13...4



IEC 60947-7-2 Ex e II **Ex** II 2 G D

| IEC | UL | CSA | EN 60079-7 |
|-----|----|-----|------------|
|-----|----|-----|------------|

| | | | |
|-----|-----|-----|-----|
| 500 | 300 | 300 | 275 |
| 24 | 20 | 20 | 20 |

| | | | |
|-----|-------------|-------------|-----|
| 2.5 | AWG 26...12 | AWG 26...12 | 2.5 |
|-----|-------------|-------------|-----|

| | | | |
|-------|--|--|--|
| 8 / 3 | | | |
|-------|--|--|--|

| | | | |
|----------|--|--|--|
| A2 / V-0 | | | |
|----------|--|--|--|

UL **CSA** KEMA 97ATEX2755 U

Rated connection

0.5...4

0.5...2.5 / 0.5...1.5

10 / 0.6 x 3.5 mm

TS 15 - block design

| Type | Qty | Order No. |
|------------|-----|-------------------|
| ZPEB 2.5-2 | 100 | 1712810000 |

| Type | Qty | Order No. |
|----------------|---------|-------------------|
| Width | | |
| ZAP ZDUB | 5 mm 50 | 1704750000 |
| Width | | |
| ZEW 15 | 5 mm 20 | 7920340000 |
| SD 0.6x3.5x100 | 1 | 9008330000 |

DEK 5/5 / WS 10/5

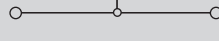
ZDUA 2.5-2

2.5 mm²

Two connections



5.1 x 35 x 30.5
30 / 4
0.13...4



IEC 60947-7-1 Ex e II **Ex** II 2 G D

| IEC | UL | CSA | EN 60079-7 |
|-----|----|-----|------------|
|-----|----|-----|------------|

| | | | |
|-----|-----|-----|-----|
| 500 | 300 | 300 | 275 |
| 24 | 20 | 20 | 20 |

| | | | |
|-----|-------------|-------------|-----|
| 2.5 | AWG 26...12 | AWG 26...12 | 2.5 |
|-----|-------------|-------------|-----|

| | | | |
|-------|--|--|--|
| 6 / 3 | | | |
|-------|--|--|--|

| | | | |
|----------|--|--|--|
| A2 / V-0 | | | |
|----------|--|--|--|

UL **CSA** KEMA 97ATEX4678 U

Rated connection

0.5...4

0.5...2.5 / 0.5...1.5

10 / 0.6 x 3.5 mm

TS 15 - thin element design

| Type | Qty | Order No. |
|---------------|-----|-------------------|
| ZDUA 2.5-2 | 100 | 1720920000 |
| ZDUA 2.5-2 BL | 100 | 1720930000 |

| Type | current | Qty | Order No. |
|----------------|---------|-------------------|-------------------|
| ZQV 2.5N/2 GE | 24 A | 60 | 1693800000 |
| ZQV 2.5N/3 GE | 24 A | 60 | 1693810000 |
| ZQV 2.5N/4 GE | 24 A | 60 | 1693820000 |
| ZQV 2.5N/10 GE | 24 A | 20 | 1693880000 |
| ZQV 2.5N/50 GE | 24 A | 5 | 1693890000 |
| Width | | | |
| ZAP/TW ZDUA | 1.5 mm | 50 | 1720960000 |
| ZAP/TW ZDUA BL | 1.5 mm | 50 | 1720970000 |
| ZAP/TW ZDUA OR | 1.5 mm | 50 | 1720980000 |
| Width | | | |
| ZEW 15 | 5 mm | 20 | 7920340000 |
| SD 0.6x3.5x100 | 1 | 9008330000 | |

DEK 5/5 / WS 10/5

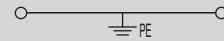
ZPEA 2.5-2

2.5 mm²

Two connections



5.1 x 35 x 30.5
/ 4
0.13...4



IEC 60947-7-2 Ex e II **Ex** II 2 G D

| IEC | UL | CSA | EN 60079-7 |
|-----|----|-----|------------|
|-----|----|-----|------------|

| | | | |
|-----|-----|-----|-----|
| 500 | 300 | 300 | 275 |
| 24 | 20 | 20 | 20 |

| | | | |
|-----|-------------|-------------|-----|
| 2.5 | AWG 26...12 | AWG 26...12 | 2.5 |
|-----|-------------|-------------|-----|

| | | | |
|-------|--|--|--|
| 6 / 3 | | | |
|-------|--|--|--|

| | | | |
|----------|--|--|--|
| A2 / V-0 | | | |
|----------|--|--|--|

UL **CSA** KEMA 97ATEX4678 U

Rated connection

0.5...4

0.5...2.5 / 0.5...1.5

10 / 0.6 x 3.5 mm

TS 15 - thin element design

| Type | Qty | Order No. |
|------------|-----|-------------------|
| ZPEA 2.5-2 | 100 | 1720950000 |

| Type | Qty | Order No. |
|----------------|-----------|-------------------|
| Width | | |
| ZAP/TW ZDUA | 1.5 mm 50 | 1720960000 |
| Width | | |
| ZEW 15 | 5 mm 20 | 7920340000 |
| SD 0.6x3.5x100 | 1 | 9008330000 |

DEK 5/5 / WS 10/5

Mini terminals

Terminal blocks for different fixing systems

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|-------------------|
| Width/Length/height with TS15x7.5 | mm |
| max. current / max. cond. cross-section | A/mm ² |
| Max. clamping range | mm ² |


Technical data

| Rated data | |
|--|-----------------|
| Rated voltage | V |
| Rated current | A |
| Rated cross-section | mm ² |
| Rated impulse voltage / Pollution severity | kV/- |
| Gauge to IEC 60947-1 / UL94 Flammability class | |
| Approvals | |
| Clamped conductors (H05V/H07V) | |
| solid / stranded | mm ² |
| flexible / Stranded wire with end ferrules | mm ² |
| Stripping length / Blade size | mm/- |
| Note | |

Ordering data

| Central terminals | |
|-------------------|--------------------|
| | Dark beige Wemid |
| | Blue Wemid |
| | green/yellow Wemid |
| Note | |

Accessories

| Pluggable cross-connection | |
|---|------------------|
|  | 2-pole |
| | 3-pole |
| | 4-pole |
| | 10-pole |
| | 50-pole |
| End plate / partition | |
| | Dark beige Wemid |
| | Blue Wemid |
| | Orange PA |
| End bracket | |
| Screwdriver | |
| | Standard |

Marking systems (see assortment in catalogue 7)
Marking tags

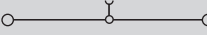
For detailed information on other accessories and applications, refer to the „Accessories“ section


ZDUA 2.5-2N

2.5 mm²

Two connections



| | |
|-------------------|---|
| 5.1 x 42.5 x 34.7 |  |
| 30 / 4 | |
| 0.13...4 | |

| IEC 60947-7-1 | | | |
|---|-------------|-------------|--|
| IEC | UL | CSA | |
| 800 | 600 | 600 | |
| 24 | 20 | 20 | |
| 2.5 | AWG 26...12 | AWG 26...12 | |
| 8 / 3 | | | |
| A2 / V-0 | | | |
|  | | | |
| Rated connection | | | |
| 0.5...4 | | | |
| 0.5...2.5 / 0.5...1.5 | | | |
| 10 / 0.6 x 3.5 mm | | | |
| TS 15 - thin element design | | | |

| Type | Qty | Order No. |
|----------------|-----|------------|
| ZDUA 2.5-2N | 100 | 1808200000 |
| ZDUA 2.5-2N BL | 100 | 1808180000 |
| Note | | |

| Type | current | Qty | Order No. |
|----------------------|---------|-----|------------|
| ZQV 2.5N/2 GE | 24 A | 60 | 1693800000 |
| ZQV 2.5N/3 GE | 24 A | 60 | 1693810000 |
| ZQV 2.5N/4 GE | 24 A | 60 | 1693820000 |
| ZQV 2.5N/10 GE | 24 A | 20 | 1693880000 |
| ZQV 2.5N/50 GE | 24 A | 5 | 1693890000 |
| Width | | | |
| ZAP/TW ZDUA2.5-2N | 2.5 mm | 50 | 1808170000 |
| ZAP/TW ZDUA2.5-2N BL | 2.5 mm | 50 | 1808150000 |
| ZAP/TW ZDUA2.5-2N OR | 2.5 mm | 50 | 1808160000 |
| Width | | | |
| ZEW 15 | 5 mm | 20 | 7920340000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |

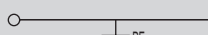
DEK 5/5 / WS 10/5


ZPEA 2.5-2N

2.5 mm²

Two connections



| | |
|-------------------|---|
| 5.1 x 42.5 x 34.7 |  |
| / 4 | |
| 0.13...4 | |

| IEC 60947-7-2 | | | |
|---|-------------|-------------|--|
| IEC | UL | CSA | |
| 800 | 600 | 600 | |
| 24 | 20 | 20 | |
| 2.5 | AWG 26...12 | AWG 26...12 | |
| 8 / 3 | | | |
| A2 / V-0 | | | |
|  | | | |
| Rated connection | | | |
| 0.5...4 | | | |
| 0.5...2.5 / 0.5...1.5 | | | |
| 10 / 0.6 x 3.5 mm | | | |
| TS 15 - thin element design | | | |

| Type | Qty | Order No. |
|-------------|-----|------------|
| ZPEA 2.5-2N | 100 | 1808210000 |
| Note | | |

| Type | Qty | Order No. | |
|----------------------|--------|-----------|------------|
| ZQV 2.5N/2 GE | 24 A | 60 | 1693800000 |
| ZQV 2.5N/3 GE | 24 A | 60 | 1693810000 |
| ZQV 2.5N/4 GE | 24 A | 60 | 1693820000 |
| ZQV 2.5N/10 GE | 24 A | 20 | 1693880000 |
| ZQV 2.5N/50 GE | 24 A | 5 | 1693890000 |
| Width | | | |
| ZAP/TW ZDUA2.5-2N | 2.5 mm | 50 | 1808170000 |
| ZAP/TW ZDUA2.5-2N BL | 2.5 mm | 50 | 1808150000 |
| Width | | | |
| ZEW 15 | 5 mm | 20 | 7920340000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |

DEK 5/5 / WS 10/5

Terminals with electronic components

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|-------------------|
| Width/Length/height with TS35x7.5 | mm |
| max. current / max. cond. cross-section | A/mm ² |
| Max. clamping range | mm ² |

Technical data

| Rated data | |
|--|-----------------|
| Rated voltage | V |
| Rated current | A |
| Rated cross-section | mm ² |
| Rated impulse voltage / Pollution severity | kV/- |
| Gauge to IEC 60947-1 / UL94 Flammability class | |
| Approvals | |
| Electronic fixtures | |
| Component voltage / Component current | V/A |
| Operating voltage for display, max. / Current | V/A |
| Clamped conductors (H05V/H07V) | |
| solid / stranded | mm ² |
| flexible / Stranded wire with end ferrules | mm ² |
| Stripping length / Blade size | mm/- |
| Note | |

Ordering data

| Version | |
|---------|----------------------------|
| | Dark beige Wemid |
| | Dark beige Wemid (red LED) |
| | Orange |
| Note | |

Accessories

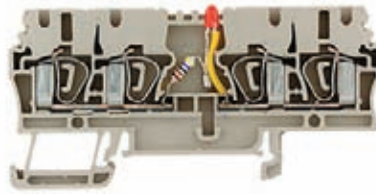
| Pluggable cross-connection | |
|----------------------------|---|
| | 2-pole |
| | 3-pole |
| | 4-pole |
| | 10-pole |
| | 20-/24-pole |
| End plate / partition | |
| | Blue Wemid |
| | Dark beige Wemid |
| End bracket | |
| | Dark beige Wemid |
| Test adapter | |
| | With assembly peg |
| Screwdriver | |
| | Standard |
| Reducing sleeves | |
| | For conductors < 0,5 mm ² / AWG 20 |
| | For conductors < 1,0 mm ² / AWG 18 |

| Marking systems | |
|--|---------------------------------|
| | (see assortment in catalogue 7) |
| | Marking tags |
| For detailed information on other accessories and applications, refer to the „Accessories“ section | |

ZDU 2.5/2x2AN/LD+

2.5 mm²

LED indicator



| | |
|-------------------|--|
| 5.1 x 79.5 x 39.5 | |
| / 4 | |
| 0.5...4 | |

IEC 60947-7-1

| IEC | UL | CSA |
|---------------------|-------------|-------------|
| 24 | | |
| 0.05 | | |
| 2.5 | AWG 30...12 | AWG 26...12 |
| | 6 / 3 | |
| | A3 / V-0 | |
| 24 / 0 | | |
| Rated connection | | |
| 0.5...4 | | |
| 0.5...4 / 0.5...2.5 | | |
| 10 / 0.6 x 3.5 mm | | |
| Note | | |

| Type | Qty | Order No. |
|-------------------|-----|------------|
| ZDU 2.5/2X2AN/LD+ | 20 | 1692590000 |
| Note | | |

| Type | Qty | Order No. |
|-----------------|------|---------------|
| | | |
| | | |
| | | |
| | | |
| Width | | |
| ZAP/TW 3 | 2 mm | 50 1608800000 |
| ZEW 35 | 6 mm | 20 9540000000 |
| | | |
| | | |
| SD 0.6x3.5x100 | 1 | 9008330000 |
| ZRH 2.5/1 WS | 1000 | 1614300000 |
| ZRH 2.5/2 GR/V0 | 1000 | 1614290000 |

| Marking systems | | |
|-------------------|--|--|
| | | |
| DEK 5/5 / WS 10/5 | | |
| Note | | |

ZDU 2.5/2x2AN/LD-

2.5 mm²

LED indicator



| | |
|-------------------|--|
| 5.1 x 79.5 x 39.5 | |
| / 4 | |
| 0.5...4 | |

IEC 60947-7-1

| IEC | UL | CSA |
|---------------------|-------------|-------------|
| 24 | | |
| 0.05 | | |
| 2.5 | AWG 30...12 | AWG 26...12 |
| | 6 / 3 | |
| | A3 / V-0 | |
| 24 / 0 | | |
| Rated connection | | |
| 0.5...4 | | |
| 0.5...4 / 0.5...2.5 | | |
| 10 / 0.6 x 3.5 mm | | |
| Note | | |

| Type | Qty | Order No. |
|-------------------|-----|------------|
| ZDU 2.5/2X2AN/LD- | 20 | 1692600000 |
| Note | | |

| Type | Qty | Order No. |
|-----------------|------|---------------|
| | | |
| | | |
| | | |
| | | |
| Width | | |
| ZAP/TW 3 | 2 mm | 50 1608800000 |
| ZEW 35 | 6 mm | 20 9540000000 |
| | | |
| | | |
| SD 0.6x3.5x100 | 1 | 9008330000 |
| ZRH 2.5/1 WS | 1000 | 1614300000 |
| ZRH 2.5/2 GR/V0 | 1000 | 1614290000 |

| Marking systems | | |
|-------------------|--|--|
| | | |
| DEK 5/5 / WS 10/5 | | |
| Note | | |

ZDU 2.5/2x2AN/D+

2.5 mm²

Diode circuit



5.1 x 79.5 x 39.5

/ 4

0.5...4



IEC 60947-7-1

| IEC | UL | CSA |
|----------|----------|-----|
| 400 | | |
| 1 | | |
| 2.5 | | |
| | 6 / 3 | |
| | A3 / V-0 | |
| 1000 / 1 | | |

Rated connection

0.5...4

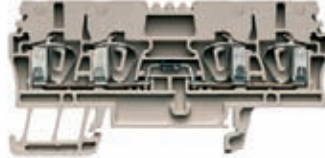
0.5...4 / 0.5...2.5

10 / 0.6 x 3.5 mm

ZDU 2.5/2x2AN/D-

2.5 mm²

Diode circuit



5.1 x 79.5 x 39.5

/ 4

0.5...4



IEC 60947-7-1

| IEC | UL | CSA |
|----------|----------|-----|
| 400 | | |
| 1 | | |
| 2.5 | | |
| | 6 / 3 | |
| | A3 / V-0 | |
| 1000 / 1 | | |

Rated connection

0.5...4

0.5...4 / 0.5...2.5

10 / 0.6 x 3.5 mm

| Type | Qty | Order No. |
|--|-----|-------------------|
| ZDU 2.5/2X2AN/D+ | 20 | 1650340000 |
| Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A | | |

| Type | Qty | Order No. |
|--|-----|-------------------|
| ZDU 2.5/2X2AN/D- | 20 | 1650350000 |
| Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A | | |

| Type | Qty | Order No. |
|-----------------|------|----------------------|
| Width | | |
| ZAP/TW 3 | 2 mm | 50 1608800000 |
| ZEW 35 | 6 mm | 20 9540000000 |
| SD 0.6x3.5x100 | | |
| | 1 | 9008330000 |
| ZRH 2.5/1 WS | | |
| | 1000 | 1614300000 |
| ZRH 2.5/2 GR/V0 | | |
| | 1000 | 1614290000 |

| Type | Qty | Order No. |
|-----------------|------|----------------------|
| Width | | |
| ZAP/TW 3 | 2 mm | 50 1608800000 |
| ZEW 35 | 6 mm | 20 9540000000 |
| SD 0.6x3.5x100 | | |
| | 1 | 9008330000 |
| ZRH 2.5/1 WS | | |
| | 1000 | 1614300000 |
| ZRH 2.5/2 GR/V0 | | |
| | 1000 | 1614290000 |

| | | |
|-------------------|--|--|
| DEK 5/5 / WS 10/5 | | |
|-------------------|--|--|

| | | |
|-------------------|--|--|
| DEK 5/5 / WS 10/5 | | |
|-------------------|--|--|

Terminals with electronic components

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5 mm
 max. current / max. cond. cross-section A/mm²
 Max. clamping range mm²

Technical data

| Rated data | |
|--|-----------------|
| Rated voltage | V |
| Rated current | A |
| Rated cross-section | mm ² |
| Rated impulse voltage / Pollution severity | kV/- |
| Gauge to IEC 60947-1 / UL94 Flammability class | |
| Approvals | |
| Electronic fixtures | |
| Component voltage / Component current | V/A |
| Operating voltage for display, max. / Current | V/A |
| Clamped conductors (H05V/H07V) | |
| solid / stranded | mm ² |
| flexible / Stranded wire with end ferrules | mm ² |
| Stripping length / Blade size | mm/- |
| Note | |

Ordering data

| Version | |
|---------|----------------------------|
| | Dark beige Wemid |
| | Dark beige Wemid (red LED) |
| | Orange |
| Note | |

Accessories

| Pluggable cross-connection | |
|----------------------------|---|
| | 2-pole |
| | 3-pole |
| | 4-pole |
| | 10-pole |
| | 20-/24-pole |
| End plate / partition | |
| | Blue Wemid |
| | Dark beige Wemid |
| End bracket | |
| | Dark beige Wemid |
| Test adapter | |
| | With assembly peg |
| Screwdriver | |
| | Standard |
| Reducing sleeves | |
| | For conductors < 0,5 mm ² / AWG 20 |
| | For conductors < 1,0 mm ² / AWG 18 |

Marking systems (see assortment in catalogue 7)
 Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section

ZDU 2.5-2/D+

2.5 mm²

Diode circuit



5.1 x 50.5 x 44
 / 2.5
 0.05...2.5

| IEC 60947-7-1 | | |
|--|-------------|-------------|
| IEC | UL | CSA |
| 400 | 600 | 600 |
| 1 | 1 | 1 |
| 2.5 | AWG 30...12 | AWG 26...12 |
| 6 / 3 | | |
| A2 / V-0 | | |
| | | |
| 1000 / 1 | | |
| Rated connection | | |
| 0.5...2.5 | | |
| 0.5...2.5 / 0.5...1.5 | | |
| 10 / 0.6 x 3.5 mm | | |
| 2.5 mm ² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. | | |

| Type | Qty | Order No. |
|--|-----|------------|
| ZDU 2.5-2/D+ | 20 | 1779110000 |
| Note | | |
| Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A | | |

| Type | current | Qty | Order No. |
|----------------|---------|------|------------|
| ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| Width | | | |
| ZAP/TW7 | 2.5 mm | 50 | 1706110000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| Note | | | |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| ZRH 1.5H/1 | | 1000 | 1678810000 |
| ZRH 1.5H/2 | | 1000 | 1678800000 |

DEK 5/5 / WS 14/5

ZDU 2.5-2/D-

2.5 mm²

Diode circuit



5.1 x 50.5 x 44
 / 2.5
 0.05...2.5

| IEC 60947-7-1 | | |
|--|-------------|-------------|
| IEC | UL | CSA |
| 400 | 600 | 600 |
| 1 | 1 | 1 |
| 2.5 | AWG 30...12 | AWG 26...12 |
| 6 / 3 | | |
| A2 / V-0 | | |
| | | |
| 1000 / 1 | | |
| Rated connection | | |
| 0.5...2.5 | | |
| 0.5...2.5 / 0.5...1.5 | | |
| 10 / 0.6 x 3.5 mm | | |
| 2.5 mm ² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. | | |

| Type | Qty | Order No. |
|--|-----|------------|
| ZDU 2.5-2/D- | 20 | 1779000000 |
| Note | | |
| Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A | | |

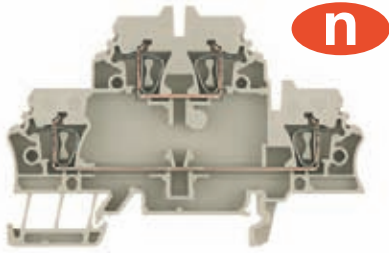
| Type | current | Qty | Order No. |
|----------------|---------|------|------------|
| ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| Width | | | |
| ZAP/TW7 | 2.5 mm | 50 | 1706110000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| Note | | | |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| ZRH 1.5H/1 | | 1000 | 1678810000 |
| ZRH 1.5H/2 | | 1000 | 1678800000 |

DEK 5/5 / WS 14/5

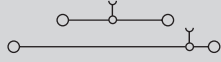
ZDK 2.5 EM

2.5 mm²

Double level terminals



5.1 x 79.5 x 54
20 / 2.5
0.05...2.5



IEC 60947-7-1 Ex e II II 2 G D

| IEC | UL | CSA | EN 60079-7 |
|----------|-------------|-------------|------------|
| 500 | 300 | 300 | 275 |
| 20 | 10 | 10 | 18 |
| 2.5 | AWG 30...12 | AWG 26...12 | 2.5 |
| 6 / 3 | | | |
| A2 / V-0 | | | |

KEMA 97ATEX4677 U

Rated connection

0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

| Type | Qty | Order No. |
|---|-----|------------|
| ZDK 2.5 EM | 50 | 1768800000 |
| ZDK 2.5 OR | 50 | 1694140000 |
| Empty electronics enclosure for do-it-yourself soldering of components. | | |

| Type | current | Qty | Order No. |
|------------------|---------|------|------------|
| ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| Width | | | |
| ZAP/TW ZDK2.5 BL | 1.5 mm | 20 | 1748800000 |
| ZAP/TW ZDK2.5 | 1.5 mm | 20 | 1674730000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| ZTA 4 | 5.1 mm | 25 | 1688110000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| ZRH 1.5H/1 | | 1000 | 1678810000 |
| ZRH 1.5H/2 | | 1000 | 1678800000 |

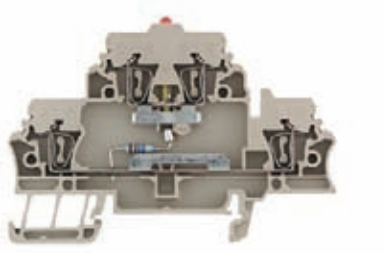
DEK 5/5 / WS 12/5

ZVQ 2.5/15 (1720700000) connects two current bars one above the other.

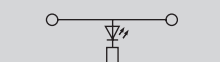
ZDK 2.5/LD RT/1

2.5 mm²

LED circuit



5.1 x 79.1 x 54
/ 2.5
0.05...2.5



IEC 60947-7-1

| IEC | UL | CSA |
|----------|-------------|-------------|
| 24 | 24 | 24 |
| 10 | 10 | 10 |
| 2.5 | AWG 30...12 | AWG 26...12 |
| / 3 | | |
| A2 / V-0 | | |

24 / 0

Rated connection

0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

2.5 mm² flexible conductors with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

| Type | Qty | Order No. |
|-------------------------------------|-----|------------|
| ZDK 2.5/LD RT/1 | 50 | 1690010000 |
| Current of continuous busbar = 10 A | | |

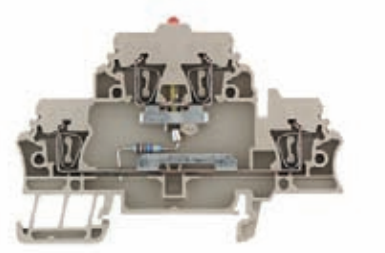
| Type | current | Qty | Order No. |
|----------------|---------|------|------------|
| ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| Width | | | |
| ZAP/TW ZDK2.5 | 1.5 mm | 20 | 1674730000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| ZRH 1.5H/1 | | 1000 | 1678810000 |
| ZRH 1.5H/2 | | 1000 | 1678800000 |

DEK 5/5 / WS 10/5

ZDK 2.5/LD RT/2

2.5 mm²

LED circuit



5.1 x 79.1 x 54
/ 2.5
0.05...2.5



IEC 60947-7-1

| IEC | UL | CSA |
|----------|-------------|-------------|
| 24 | 24 | 24 |
| 10 | 10 | 10 |
| 2.5 | AWG 30...12 | AWG 26...12 |
| / 3 | | |
| A2 / V-0 | | |

24 / 0

Rated connection

0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

2.5 mm² flexible conductors with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

| Type | Qty | Order No. |
|-------------------------------------|-----|------------|
| ZDK 2.5/LD RT/2 | 50 | 1693940000 |
| Current of continuous busbar = 10 A | | |

| Type | current | Qty | Order No. |
|----------------|---------|------|------------|
| ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| Width | | | |
| ZAP/TW ZDK2.5 | 1.5 mm | 20 | 1674730000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| ZRH 1.5H/1 | | 1000 | 1678810000 |
| ZRH 1.5H/2 | | 1000 | 1678800000 |

DEK 5/5 / WS 10/5

Terminals with electronic components

Z-series standard ranges provide solutions for conductor cross-sections from 0.05 to 35 mm².

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|-------------------|
| Width/Length/height with TS35x7.5 | mm |
| max. current / max. cond. cross-section | A/mm ² |
| Max. clamping range | mm ² |

Technical data

| Rated data | |
|--|-----------------|
| Rated voltage | V |
| Rated current | A |
| Rated cross-section | mm ² |
| Rated impulse voltage / Pollution severity | kV/- |
| Gauge to IEC 60947-1 / UL94 Flammability class | |
| Approvals | |
| Electronic fixtures | |
| Component voltage / Component current | V/A |
| Operating voltage for display, max. / Current | V/A |
| Clamped conductors (H05V/H07V) | |
| solid / stranded | mm ² |
| flexible / Stranded wire with end ferrules | mm ² |
| Stripping length / Blade size | mm/- |
| Note | |

Ordering data

| Version | |
|---------|----------------------------|
| | Dark beige Wemid |
| | Dark beige Wemid (red LED) |
| | Orange |
| Note | |

Accessories

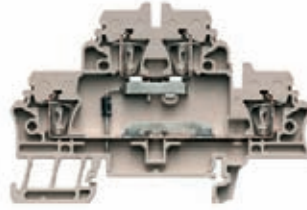
| Pluggable cross-connection | |
|----------------------------|---|
| | 2-pole |
| | 3-pole |
| | 4-pole |
| | 10-pole |
| | 20-/24-pole |
| End plate / partition | |
| | Blue Wemid |
| | Dark beige Wemid |
| End bracket | |
| | Dark beige Wemid |
| Test adapter | |
| | With assembly peg |
| Screwdriver | |
| | Standard |
| Reducing sleeves | |
| | For conductors < 0,5 mm ² / AWG 20 |
| | For conductors < 1,0 mm ² / AWG 18 |

| Marking systems | |
|--|---------------------------------|
| | (see assortment in catalogue 7) |
| | Marking tags |
| For detailed information on other accessories and applications, refer to the „Accessories“ section | |

ZDK 2.5/D/1

2.5 mm²

Diode circuit



| | |
|-----------------|--|
| 5.1 x 79.1 x 54 | |
| / 2.5 | |
| 0.05...2.5 | |

| IEC 60947-7-1 | | |
|--|-------------|-------------|
| IEC | UL | CSA |
| 500 | 300 | 300 |
| 10 | 10 | 10 |
| 2.5 | AWG 30...14 | AWG 26...12 |
| 6 / 3 | | |
| A2 / V-0 | | |
| | | |
| 1000 / 1 | | |
| Rated connection | | |
| 0.5...2.5 | | |
| 0.5...2.5 / 0.5...1.5 | | |
| 10 / 0.6 x 3.5 mm | | |
| 2.5 mm ² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. | | |

| Type | Qty | Order No. |
|---|-----|------------|
| ZDK 2.5/D/1 | 50 | 1690020000 |
| Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A; current of continuous busbar = 10 A | | |

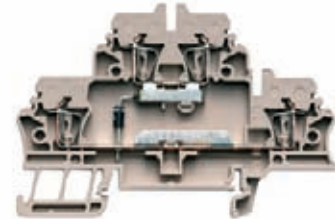
| Type | current | Qty | Order No. |
|----------------|---------|------|------------|
| ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| Width | | | |
| ZAP/TW ZDK2.5 | 1.5 mm | 20 | 1674730000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| SD 0.6x3.5x100 | | | |
| ZRH 1.5H/1 | | 1000 | 1678810000 |
| ZRH 1.5H/2 | | 1000 | 1678800000 |

| Marking systems | |
|-----------------|-------------------|
| | DEK 5/5 / WS 10/5 |

ZDK 2.5/D/2

2.5 mm²

Diode circuit



| | |
|-----------------|--|
| 5.1 x 79.1 x 54 | |
| / 2.5 | |
| 0.05...2.5 | |

| IEC 60947-7-1 | | |
|--|-------------|-------------|
| IEC | UL | CSA |
| 500 | 300 | 300 |
| 10 | 10 | 10 |
| 2.5 | AWG 30...14 | AWG 26...12 |
| 6 / 3 | | |
| A2 / V-0 | | |
| | | |
| 1000 / 1 | | |
| Rated connection | | |
| 0.5...2.5 | | |
| 0.5...2.5 / 0.5...1.5 | | |
| 10 / 0.6 x 3.5 mm | | |
| 2.5 mm ² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. | | |

| Type | Qty | Order No. |
|---|-----|------------|
| ZDK 2.5/D/2 | 50 | 1690030000 |
| Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A; current of continuous busbar = 10 A | | |

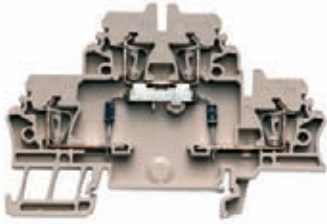
| Type | current | Qty | Order No. |
|----------------|---------|------|------------|
| ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| Width | | | |
| ZAP/TW ZDK2.5 | 1.5 mm | 20 | 1674730000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| SD 0.6x3.5x100 | | | |
| ZRH 1.5H/1 | | 1000 | 1678810000 |
| ZRH 1.5H/2 | | 1000 | 1678800000 |

| Marking systems | |
|-----------------|-------------------|
| | DEK 5/5 / WS 10/5 |

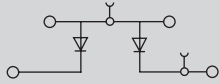
ZDK 2.5/D/4

2.5 mm²

Diode circuit



5.1 x 79.1 x 54
/ 2.5
0.05...2.5



IEC 60947-7-1

| IEC | UL | CSA |
|----------|-------------|-------------|
| 500 | 300 | 300 |
| 10 | 10 | 10 |
| 2.5 | AWG 30...14 | AWG 26...12 |
| 6 / 3 | | |
| A2 / V-0 | | |



1000 / 1

Rated connection

0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

| Type | Qty | Order No. |
|-------------|-----|------------|
| ZDK 2.5/D/4 | 50 | 1690040000 |

Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A; current of continuous busbar = 10 A

| Type | current | Qty | Order No. |
|--------------|---------|-----|------------|
| ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| Width | | | |

| | | | |
|---------------|--------|----|------------|
| ZAP/TW ZDK2.5 | 1.5 mm | 20 | 1674730000 |
|---------------|--------|----|------------|

| | | | |
|--------|------|----|------------|
| ZEW 35 | 6 mm | 20 | 9540000000 |
|--------|------|----|------------|

| | | |
|----------------|---|------------|
| SD 0.6x3.5x100 | 1 | 9008330000 |
|----------------|---|------------|

| | | |
|------------|------|------------|
| ZRH 1.5H/1 | 1000 | 1678810000 |
|------------|------|------------|

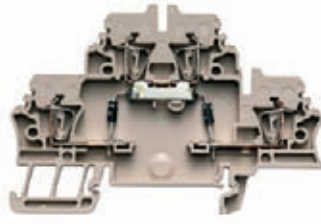
| | | |
|------------|------|------------|
| ZRH 1.5H/2 | 1000 | 1678800000 |
|------------|------|------------|

DEK 5/5 / WS 10/5

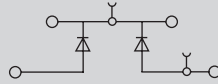
ZDK 2.5/D/5

2.5 mm²

Diode circuit



5.1 x 79.1 x 54
/ 2.5
0.05...2.5



IEC 60947-7-1

| IEC | UL | CSA |
|----------|-------------|-------------|
| 500 | 300 | 300 |
| 10 | 10 | 10 |
| 2.5 | AWG 30...14 | AWG 26...12 |
| 6 / 3 | | |
| A2 / V-0 | | |



1000 / 1

Rated connection

0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

| Type | Qty | Order No. |
|-------------|-----|------------|
| ZDK 2.5/D/5 | 50 | 1690050000 |

Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A; current of continuous busbar = 10 A

| Type | current | Qty | Order No. |
|--------------|---------|-----|------------|
| ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| Width | | | |

| | | | |
|---------------|--------|----|------------|
| ZAP/TW ZDK2.5 | 1.5 mm | 20 | 1674730000 |
|---------------|--------|----|------------|

| | | | |
|--------|------|----|------------|
| ZEW 35 | 6 mm | 20 | 9540000000 |
|--------|------|----|------------|

| | | |
|----------------|---|------------|
| SD 0.6x3.5x100 | 1 | 9008330000 |
|----------------|---|------------|

| | | |
|------------|------|------------|
| ZRH 1.5H/1 | 1000 | 1678810000 |
|------------|------|------------|

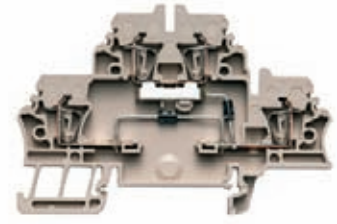
| | | |
|------------|------|------------|
| ZRH 1.5H/2 | 1000 | 1678800000 |
|------------|------|------------|

DEK 5/5 / WS 10/5

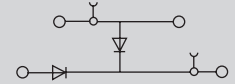
ZDK 2.5/D/6

2.5 mm²

Diode circuit



5.1 x 79.1 x 54
/ 2.5
0.05...2.5



IEC 60947-7-1

| IEC | UL | CSA |
|----------|-------------|-------------|
| 500 | 300 | 300 |
| 10 | 10 | 10 |
| 2.5 | AWG 30...14 | AWG 26...12 |
| 6 / 3 | | |
| A2 / V-0 | | |



1000 / 1

Rated connection

0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

| Type | Qty | Order No. |
|-------------|-----|------------|
| ZDK 2.5/D/6 | 50 | 1690060000 |

Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A; current of continuous busbar = 10 A

| Type | current | Qty | Order No. |
|--------------|---------|-----|------------|
| ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| Width | | | |

| | | | |
|---------------|--------|----|------------|
| ZAP/TW ZDK2.5 | 1.5 mm | 20 | 1674730000 |
|---------------|--------|----|------------|

| | | | |
|--------|------|----|------------|
| ZEW 35 | 6 mm | 20 | 9540000000 |
|--------|------|----|------------|

| | | |
|----------------|---|------------|
| SD 0.6x3.5x100 | 1 | 9008330000 |
|----------------|---|------------|

| | | |
|------------|------|------------|
| ZRH 1.5H/1 | 1000 | 1678810000 |
|------------|------|------------|

| | | |
|------------|------|------------|
| ZRH 1.5H/2 | 1000 | 1678800000 |
|------------|------|------------|

DEK 5/5 / WS 10/5

Terminals with electronic components

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|-------------------|
| Width/Length/height with TS35x7.5 | mm |
| max. current / max. cond. cross-section | A/mm ² |
| Max. clamping range | mm ² |


Technical data

| Rated data | |
|--|-----------------|
| Rated voltage | V |
| Rated current | A |
| Rated cross-section | mm ² |
| Rated impulse voltage / Pollution severity | kV/- |
| Gauge to IEC 60947-1 / UL94 Flammability class | |
| Approvals | |
| Electronic fixtures | |
| Component voltage / Component current | V/A |
| Operating voltage for display, max. / Current | V/A |
| Clamped conductors (H05V/H07V) | |
| solid / stranded | mm ² |
| flexible / Stranded wire with end ferrules | mm ² |
| Stripping length / Blade size | mm/- |
| Note | |

Ordering data

| Version | |
|---------|----------------------------|
| | Dark beige Wemid |
| | Dark beige Wemid (red LED) |
| | Orange |
| Note | |

Accessories

| Pluggable cross-connection | |
|---|---|
|  | 2-pole |
| | 3-pole |
| | 4-pole |
| | 10-pole |
| | 20-/24-pole |
| End plate / partition | |
| | Blue Wemid |
| | Dark beige Wemid |
| End bracket | |
| | Dark beige Wemid |
| Test adapter | |
| | With assembly peg |
| Screwdriver | |
| | Standard |
| Reducing sleeves | |
| | For conductors < 0,5 mm ² / AWG 20 |
| | For conductors < 1,0 mm ² / AWG 18 |

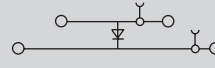
| Marking systems | |
|--|---------------------------------|
| | (see assortment in catalogue 7) |
| | Marking tags |
| For detailed information on other accessories and applications, refer to the „Accessories“ section | |

ZDK 4-2/D forward


4 mm²

Diode circuit



| | |
|-----------------|---|
| 6.1 x 77.6 x 61 |  |
| / 6 | |
| 0.13...6 | |

IEC 60947-7-1

| IEC | UL | CSA |
|---|-------------|-------------|
| 800 | 300 | 300 |
| 1 | 1 | 1 |
| 4 | AWG 26...10 | AWG 26...10 |
| 8 / 3 | | |
| A3 / V-0 | | |
|  | | |
| 1000 / 1 | | |
| Rated connection | | |
| 0.5...6 / 1.5...4 | | |
| 0.5...4 / 0.5...4 | | |
| 10 / 0.6 x 3.5 mm | | |
| Note | | |

| Type | Qty | Order No. |
|---|-----|------------|
| ZDK 4-2/D forward | 50 | 8670520000 |
| Note | | |
| Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A; current of continuous busbar = 10 A | | |

| Type | current | Qty | Order No. |
|----------------|---------|-----|------------|
| ZQV 4/2 GE | 32 A | 60 | 1608950000 |
| ZQV 4/3 GE | 32 A | 60 | 1608960000 |
| ZQV 4/4 GE | 32 A | 60 | 1608970000 |
| ZQV 4/10 GE | 32 A | 20 | 1609030000 |
| ZQV 4/20 GE | 32 A | 20 | 1909010000 |
| Width | | | |
| ZAP/TW ZDK4-2 | 2 mm | 50 | 8670760000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| SD 0.6x3.5x100 | | | |
| | | 1 | 9008330000 |

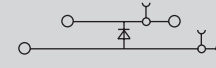
| Marking systems | |
|-----------------|---------|
| | DEK 5/6 |

ZDK 4-2/D reverse


4 mm²

Diode circuit



| | |
|-----------------|---|
| 6.1 x 77.6 x 61 |  |
| / 6 | |
| 0.13...6 | |

IEC 60947-7-1

| IEC | UL | CSA |
|---|-------------|-------------|
| 800 | 300 | 300 |
| 1 | 1 | 1 |
| 4 | AWG 26...10 | AWG 26...10 |
| 8 / 3 | | |
| A3 / V-0 | | |
|  | | |
| 1000 / 1 | | |
| Rated connection | | |
| 0.5...6 / 1.5...4 | | |
| 0.5...4 / 0.5...4 | | |
| 10 / 0.6 x 3.5 mm | | |
| Note | | |

| Type | Qty | Order No. |
|---|-----|------------|
| ZDK 4-2/D reverse | 50 | 8670640000 |
| Note | | |
| Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A; current of continuous busbar = 10 A | | |

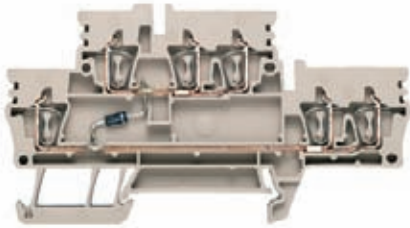
| Type | current | Qty | Order No. |
|----------------|---------|-----|------------|
| ZQV 4/2 GE | 32 A | 60 | 1608950000 |
| ZQV 4/3 GE | 32 A | 60 | 1608960000 |
| ZQV 4/4 GE | 32 A | 60 | 1608970000 |
| ZQV 4/10 GE | 32 A | 20 | 1609030000 |
| ZQV 4/20 GE | 32 A | 20 | 1909010000 |
| Width | | | |
| ZAP/TW ZDK4-2 | 2 mm | 50 | 8670760000 |
| ZEW 35 | 6 mm | 20 | 9540000000 |
| SD 0.6x3.5x100 | | | |
| | | 1 | 9008330000 |

| Marking systems | |
|-----------------|---------|
| | DEK 5/6 |

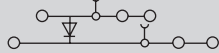
ZDK 2.5/3AN D1

4 mm²

Diodenschaltung



5.1 x 93 x 44
/ 4
0.05...4



IEC 60947-7-1

| IEC | UL | CSA |
|-----|-------------|-------------|
| 500 | 300 | 300 |
| 1 | | |
| 4 | AWG 30...12 | AWG 30...12 |
| | 6 / 3 | |
| | A2 / V-0 | |



1000 / 1

Rated connection

0.5...4 / 1.5...2.5
0.5...2.5 / 0.21...2.5
10 / 0.6 x 3.5 mm

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

| Type | Qty | Order No. |
|----------------|-----|------------|
| ZDK 2.5/3AN D1 | 50 | 1924440000 |

Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A; current of continuous busbar = 10 A

| Type | current | Qty | Order No. |
|------------|--------------|-----|------------|
| ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| | Width | | |

| | | | |
|--------------------|------|------|------------|
| ZAP/TW ZDK 2.5/3AN | 2 mm | 20 | 1924910000 |
| ZEW 35/2 | 8 mm | 20 | 8630740000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| ZRH 1.5H/1 | | 1000 | 1678810000 |
| ZRH 1.5H/2 | | 1000 | 1678800000 |

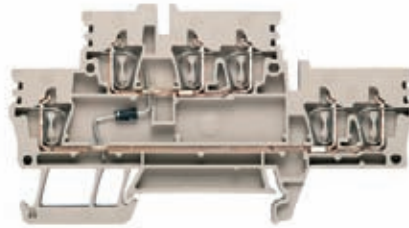
DEK 5/5 / WS 10/5

2.5 mm² conductors with plastic collar wire end ferrules only with optimised diameter collar (order No. 1333100000, 500 pcs).

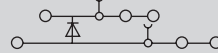
ZDK 2.5/3AN D2

4 mm²

Diodenschaltung



5.1 x 93 x 44
/ 4
0.05...4



IEC 60947-7-1

| IEC | UL | CSA |
|-----|-------------|-------------|
| 500 | 300 | 300 |
| 1 | | |
| 4 | AWG 30...12 | AWG 30...12 |
| | 6 / 3 | |
| | A2 / V-0 | |



1000 / 1

Rated connection

0.5...4 / 1.5...2.5
0.5...2.5 / 0.21...2.5
10 / 0.6 x 3.5 mm

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

| Type | Qty | Order No. |
|----------------|-----|------------|
| ZDK 2.5/3AN D2 | 50 | 1924450000 |

Soldered diode: Type 1N 4007, reverse voltage 1000V, current 1 A; current of continuous busbar = 10 A

| Type | current | Qty | Order No. |
|------------|--------------|-----|------------|
| ZQV 2.5/2 | 24 A | 60 | 1608860000 |
| ZQV 2.5/3 | 24 A | 60 | 1608870000 |
| ZQV 2.5/4 | 24 A | 60 | 1608880000 |
| ZQV 2.5/10 | 24 A | 20 | 1608940000 |
| ZQV 2.5/20 | 24 A | 20 | 1908960000 |
| | Width | | |

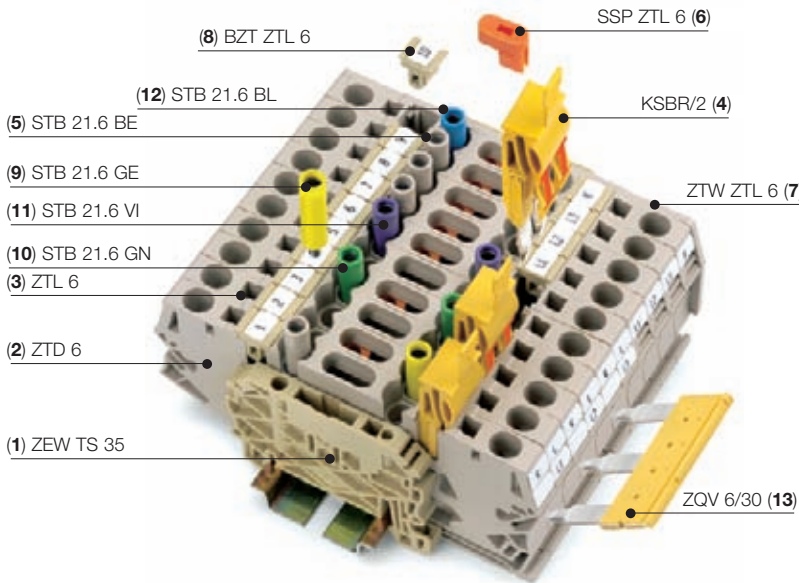
| | | | |
|--------------------|------|------|------------|
| ZAP/TW ZDK 2.5/3AN | 2 mm | 20 | 1924910000 |
| ZEW 35/2 | 8 mm | 20 | 8630740000 |
| SD 0.6x3.5x100 | | 1 | 9008330000 |
| ZRH 1.5H/1 | | 1000 | 1678810000 |
| ZRH 1.5H/2 | | 1000 | 1678800000 |

DEK 5/5 / WS 10/5

2.5 mm² conductors with plastic collar wire end ferrules only with optimised diameter collar (order No. 1333100000, 500 pcs).

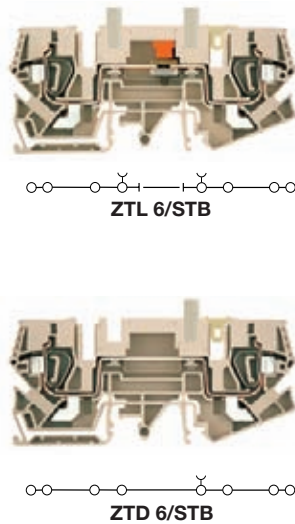
Test-disconnect terminals

Test-disconnect terminal blocks for metering with the ZTL 6



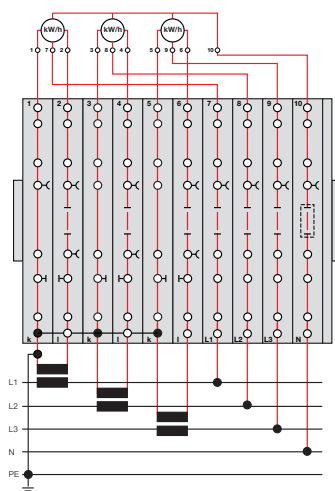
| Pos. | Type | Qty. | Order No. |
|--|------------------------|------|------------|
| 1 | ZEW TS 35 (TS 35 only) | 2 | 954000000 |
| 1 | EWK1 (TS 32 only) | 2 | 0206160000 |
| 2 | ZTD 6 | 3 | 1771810000 |
| 3 | ZTL 6 | 7 | 1771800000 |
| 4 | KSB/R/2 | 3 | 1771820000 |
| 5 | STB 21.6 BE | 11 | 1071000000 |
| 6 | SSP ZTL 6 | 1 | 1771860000 |
| 7 | ZTW ZTL 6 | 1 | 1771870000 |
| 8 | BZT ZTL 6 | 4 | 1781140000 |
| optional for better marking (instead of 11 x pos. 5): | | | |
| Pos. | Type | Qty. | Order No. |
| 5 | STB 21.6 BE | 4 | 1071000000 |
| 9 | STB 21.6 GE | 2 | 1071010000 |
| 10 | STB 21.6 GN | 2 | 1071020000 |
| 11 | STB 21.6 VI | 2 | 1071030000 |
| 12 | STB 21.6 BL | 1 | 1071080000 |
| optional addition for a joint internal k-point: | | | |
| Pos. | Type | Qty. | Order No. |
| 13 | ZQV 6/30* | 1 | 1733640000 |

* Shorten to 5 poles

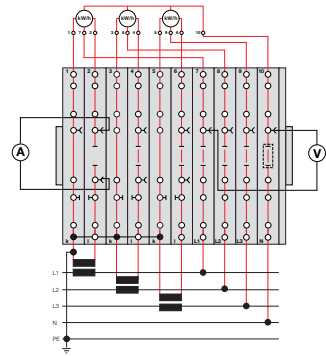


Operating status

(with internal distribution of the k-point)



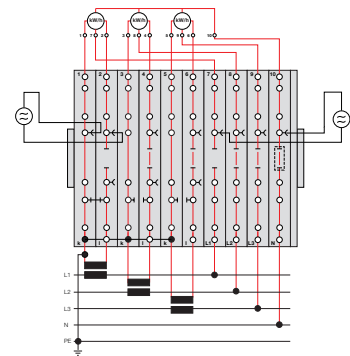
Comparison measurement for L1



Operation depending on the operating status

1. Connect ammeter to test sockets at terminal 2.
2. Open the disconnect slide link of terminal 2.
3. Connect voltmeter to test sockets of terminals 7 and 10.

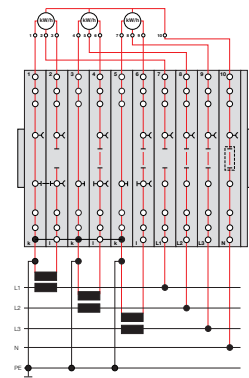
Meter test for L1 through external power supply



Operation depending on the operating status:

1. Insert short-circuit plugs into terminals 1 and 2.
2. Open disconnect slide link of terminals 2 and 7.
3. Connect external power supply to test sockets of terminals 1, 2 and 7, 10.

Changing the meter for L1



Operation depending on the operating status:

1. Insert the short-circuit plugs into terminals 1 and 2.
2. Open disconnect slide link of terminals 2 and 7.
3. Disconnect meter for L1 at the terminals 1, 2 and 7.

Terminal for power supply

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

| | |
|---|-------------------|
| Width/Length/height with TS35x7.5 | mm |
| max. current / max. cond. cross-section | A/mm ² |
| Max. clamping range | mm ² |



Technical data

| Rated data | |
|--|-----------------|
| Rated voltage | V |
| Rated current | A |
| Rated cross-section | mm ² |
| Rated impulse voltage / Pollution severity | kV/- |
| Gauge to IEC 60947-1 / UL94 Flammability class | Approvals |
| Clamped conductors (H05V/H07V) | |
| solid / stranded | mm ² |
| flexible / Stranded wire with end ferrules | mm ² |
| Stripping length / Blade size | mm/- |
| Note | |

Ordering data

| Version | |
|---------|----------------|
| | With socket |
| | Without socket |
| Note | |

Accessories

| Pluggable cross-connection | |
|---|----------------------------|
|  | 2-pole |
| | 3-pole |
| | 4-pole |
| End plate / partition | |
| | End plate |
| Testing / Checking | |
| | Test plug |
| | Socket, grey |
| | Socket, green |
| | Socket, violet |
| | Socket, blue |
| Miscellaneous accessories | |
|  | Short-circuit plug, 2-pole |
| | Short-circuit plug, 3-pole |
| | Short-circuit plug, 4-pole |
| Marker holder | |

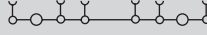
Marking systems (see assortment in catalogue 7)
 Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section


ZTD 6

6 mm²

Feed-through terminal



| | |
|-----------------|---|
| 8 x 106 x 47.5 |  |
| 52 / 10 | |
| 0.5...10 | |

| IEC 60947-7-1 | | |
|--|------------|------------|
| IEC | UL | CSA |
| 800 | 300 | 300 |
| 41 | 33 | 33 |
| 6 | AWG 20...8 | AWG 20...8 |
| 8 / 3 | | |
| A5 / V-0 | | |
|  | | |
| Rated connection | | |
| 0.5...10 / 1.5...6 | | |
| 0.5...6 / 0.5...6 | | |
| 13 / 0.8 x 4 mm | | |
| 400V when used as a disconnect terminal. Tightening torque for disconnection element of ZTD 6 with screw = 0.5 to 0.6 Nm | | |

| Type | Qty | Order No. |
|-----------|-----|------------|
| ZTD 6/STB | 20 | 1771960000 |
| ZTD 6 | 20 | 1771810000 |

| Type | current | Qty | Order No. |
|-----------------------|---------|-----|------------|
| ZQV 6/2 GE | 41 A | 60 | 1627850000 |
| ZQV 6/3 GE | 41 A | 60 | 1627860000 |
| ZQV 6/4 GE | 41 A | 60 | 1627870000 |
| Width | | | |
| ZTW ZTL6 | 2 mm | 20 | 1771870000 |
| PS 4 F.STB 4 | | | |
| PS 4 F.STB 4 | 7.6 mm | 20 | 0299600000 |
| STB 21.6/IH/GE WTL6/3 | 6.2 mm | 50 | 1071010000 |
| STB 21.6/IH/GN WTL6/3 | 6.2 mm | 50 | 1071020000 |
| STB 21.6/IH/MI WTL6/3 | 6.2 mm | 50 | 1071030000 |
| STB 21.6/IH/BL WTL6/3 | 6.2 mm | 50 | 1071080000 |
| KSB | | | |
| KSBR/2 ZTL6 | | 20 | 1771820000 |
| KSBR/3 ZTL6 | | 20 | 1771830000 |
| KSBR/4 ZTL6 | | 20 | 1771840000 |
| BZT ZTL6 | | | |
| BZT ZTL6 | | 20 | 1781140000 |

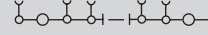
DEK 5/8 / WS 12/6,5
 Plug-in tag carrier for additional marking tags above the cross-connection channel (BZT ZTL 6)


ZTL 6

6 mm²

Disconnect test terminal



| | |
|-----------------|---|
| 8 x 106 x 47.5 |  |
| 52 / 10 | |
| 0.5...10 | |

| IEC 60947-7-1 | | |
|--|------------|------------|
| IEC | UL | CSA |
| 800 | 300 | 300 |
| 41 | 33 | 33 |
| 6 | AWG 20...8 | AWG 20...8 |
| 8 / 3 | | |
| A5 / V-0 | | |
|  | | |
| Rated connection | | |
| 0.5...10 / 1.5...6 | | |
| 0.5...6 / 0.5...6 | | |
| 13 / 0.8 x 4 mm | | |
| 400V when used as a disconnect terminal. Tightening torque for disconnection element of ZTL 6 with screw = 0.5 to 0.6 Nm | | |

| Type | Qty | Order No. |
|-----------|-----|------------|
| ZTL 6/STB | 20 | 1771950000 |
| ZTL 6 | 20 | 1771800000 |

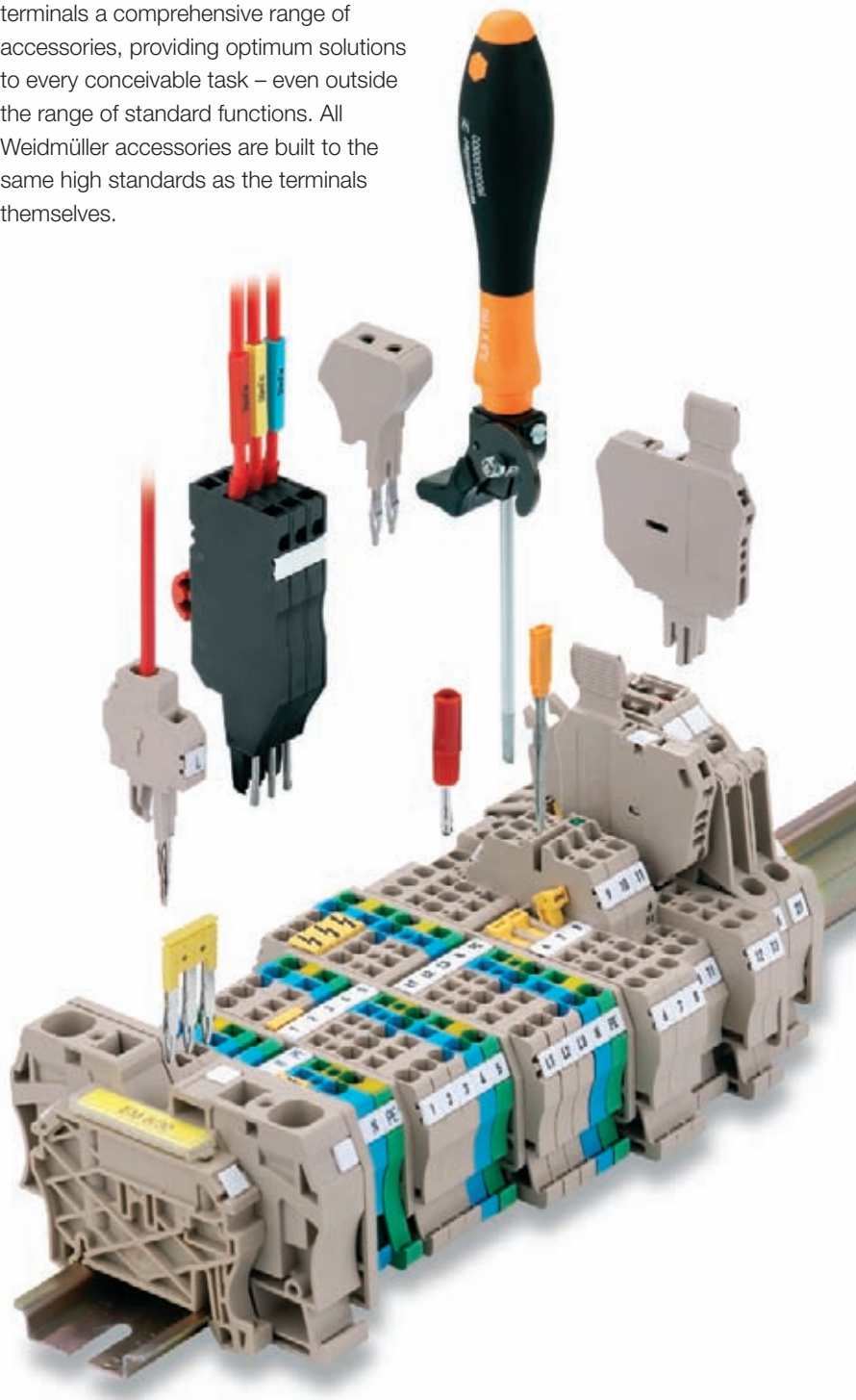
| Type | current | Qty | Order No. |
|-----------------------|---------|-----|------------|
| ZQV 6/2 GE | 41 A | 60 | 1627850000 |
| ZQV 6/3 GE | 41 A | 60 | 1627860000 |
| ZQV 6/4 GE | 41 A | 60 | 1627870000 |
| Width | | | |
| ZTW ZTL6 | 2 mm | 20 | 1771870000 |
| PS 4 F.STB 4 | | | |
| PS 4 F.STB 4 | 7.6 mm | 20 | 0299600000 |
| STB 21.6/IH/GE WTL6/3 | 6.2 mm | 50 | 1071010000 |
| STB 21.6/IH/GN WTL6/3 | 6.2 mm | 50 | 1071020000 |
| STB 21.6/IH/MI WTL6/3 | 6.2 mm | 50 | 1071030000 |
| STB 21.6/IH/BL WTL6/3 | 6.2 mm | 50 | 1071080000 |
| KSB | | | |
| KSBR/2 ZTL6 | | 20 | 1771820000 |
| KSBR/3 ZTL6 | | 20 | 1771830000 |
| KSBR/4 ZTL6 | | 20 | 1771840000 |
| BZT ZTL6 | | | |
| BZT ZTL6 | | 20 | 1781140000 |

DEK 5/8 / WS 12/6,5
 Plug-in tag carrier for additional marking tags above the cross-connection channel (BZT ZTL 6)

Extra functions

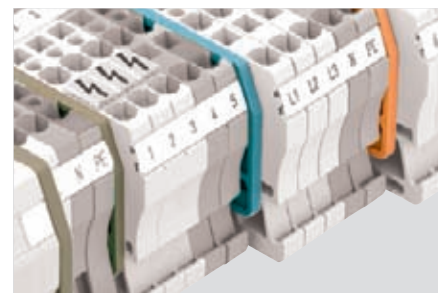
Extra functions

Weidmüller offers the user of Z-Series terminals a comprehensive range of accessories, providing optimum solutions to every conceivable task – even outside the range of standard functions. All Weidmüller accessories are built to the same high standards as the terminals themselves.



Visual separation

Page D.114

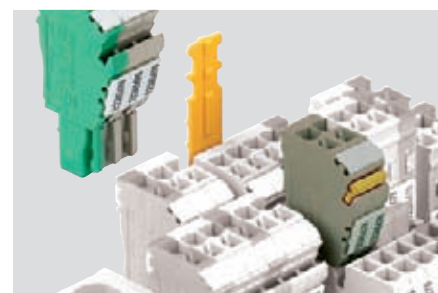


To guarantee “finger-safe” use of terminals, the open sides are covered with end cover plates and partition plates to prevent any contact with conducting parts.

End cover plates and partition plates also come in different colours so that they can be used for visual separation of different circuits.

Pluggable terminals

Page D.126



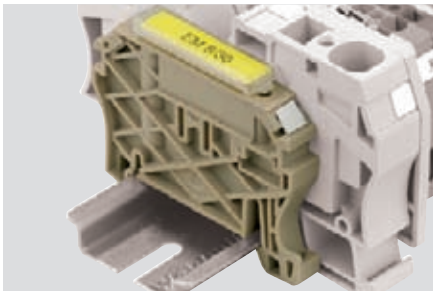
WeiCoS

Weidmüller Connection System

This new generation of pluggable terminals is structured on the modular principle. The basic elements of the WeiCoS system are one terminal for the functional unit on the mounting rail and a plug-in connector for elements to be connected (cable harness production).

Fastening

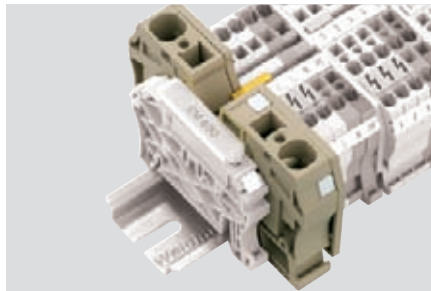
Chapter G



An end bracket is fitted on the mounting rail to the right and left of the terminals to ensure that they sit firmly in position. The marking surface of the end bracket can also be used for group marking. Details of the wide range of Weidmüller end brackets and mounting rails are given in **chapter G**.

Electrical supply

Page D.118



Weidmüller's tension clamp terminals have three supply terminals: **ZEI 16** for standard terminals **ZEI 16-2/1 AN** for Roof-Style terminals **ZEI 6** for ZDU 1.5 ... Cross-connections divide the supply current into several feeder currents. Current is supplied across a conductor cross-section of 16 mm² and then distributed across neighbouring terminals for 1.5 mm², 2.5 mm², 4 mm² and 6 mm² cross-sectional areas.

Electrical distribution

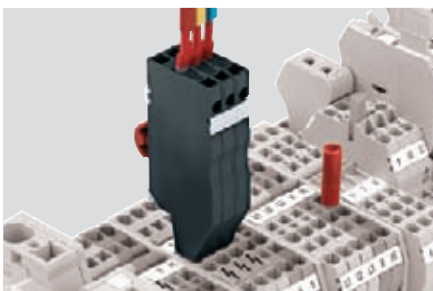
Page D.120



A plug-in **cross-connection system (ZQV)** is available for all Z-Series terminals. The current is distributed across any number of terminals by simply plugging the cross-connection into the middle of the terminals. As a rule, 400 V can be conveyed across the cross-section, depending on the rated voltage of the terminal.

Testing

Page D.134



The slot-in test adapter (ZTA) is used as a single unit and as a test adapter strip for voltage measurement in control cabinets. The test adapter is ideal for convenient, rational testing of assembled terminals. It is simply slotted onto the terminal. This creates contact with the current carrying busbar. The unit is released from the terminal simply by pressing the release button.

Marking and connecting

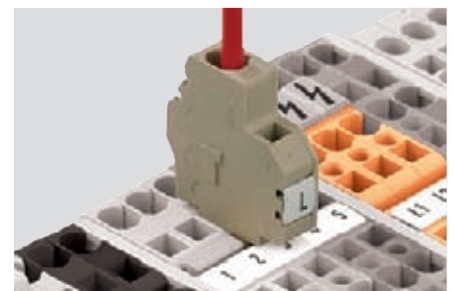
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Weidmüller's marking systems in **chapter G** are used to mark tension clamp terminals. Individual terminals, terminal groups and conductors can be marked. The conductors are connected in the tension clamp terminals with standard screwdrivers, as shown in **chapter G**. As an alternative to screwdrivers, fully insulated operating tools are also available; see page D.136.

**Specific functions/
colour variations**

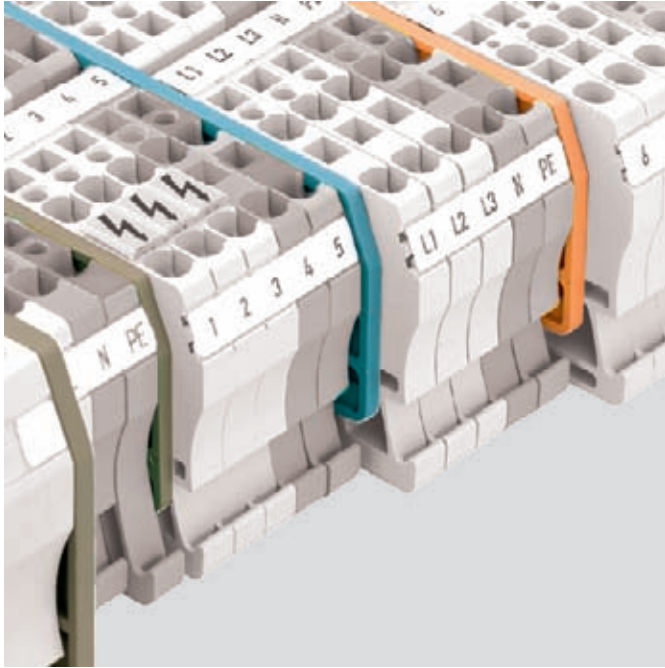
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Further helpful accessories are available for terminals using tension clamp technology, such as:

- Pluggable extra connections (ZZA)
- Housings for installation of electronic components (ZBS 1)
- Pluggable fuse holder (SIHA 1 to SIHA 3)
- Terminals in various colours.
- Accessories for fuses
- Reducing sleeves

End plates



Touch-safe protection

The last terminal in a terminal strip must be closed off with a ZAP/TW-type end plate. End plates must also be used within a terminal strip when it makes use of terminals of different sizes. This ensures that the touch-safe requirement is met for live-voltage components and that the terminals are touch-safe.

Optical separation

Coloured end plates are very frequently used for optically distinguishing the circuits.

Ensuring the operating voltage

End plates can also be used to maintain the required clearance and creepage distances, in order to guarantee the rated voltage for the application. They can be used when cross-connections are used side-by-side.

Contour matching

The overall dimensions of the end plates match the external dimensions of the associated terminal.

Mounting

The end plate's snap-in pegs allow it to be simply fitted on to the corresponding terminal. The corresponding indentations in the terminal are used to ensure that position follows the identical contours.

... for standard terminals

| Type | Colour | Qty | Order No. | For terminal: |
|----------------------|-----------------|-----|------------|---------------------|
| Width 2 mm | | | | |
| ZAP/TW ZDU1.5/2AN | beige | 20 | 1776030000 | ZDU 1.5 |
| ZAP/TW ZDU1.5/2AN BL | blue | 20 | 1776040000 | ZDU 1.5 BL |
| ZAP/TW ZDU1.5/2AN OR | Orange | 20 | 1776050000 | ZPE 1.5 |
| Width 2 mm | | | | |
| ZAP/TW ZDU1.5/3AN | beige | 20 | 1776060000 | ZDU 1.5/3 AN |
| ZAP/TW ZDU1.5/3AN BL | blue | 20 | 1776070000 | ZDU 1.5/3 AN/BL |
| ZAP/TW ZDU1.5/3AN OR | Orange | 20 | 1776080000 | ZPE 1.5/3AN |
| Width 2 mm | | | | |
| ZAP/TW ZDU1.5/4AN | beige | 20 | 1776090000 | ZDU 1.5 2X2AN |
| ZAP/TW ZDU1.5/4AN BL | blue | 20 | 1776100000 | ZDU 1.5 2X2AN BL |
| ZAP/TW ZDU1.5/4AN OR | Orange | 20 | 1776110000 | ZDU 1.5/4 AN |
| | | | | ZDU 1.5/4 AN/BL |
| | | | | ZPE 1.5/4AN |
| Width 2 mm | | | | |
| ZAP/TW ZDK1.5 | dark beige | 20 | 1791160000 | ZDK 1.5 |
| ZAP/TW ZDK1.5 BL | blue | 20 | 1791170000 | ZDK 1.5 BL |
| ZAP/TW ZDK1.5 OR | Orange | 20 | 1791180000 | ZDK 1.5 PE |
| | | | | ZDK 1.5DU-PE |
| | | | | ZDK 1.5V |
| | | | | ZDK 1.5V BL |
| Width 2 mm | | | | |
| ZAP/TW 1 | dark beige | 50 | 1608740000 | ZDU 2.5 |
| ZAP/TW 1 BL | blue/light blue | 50 | 1608750000 | ZDU 2.5 BL |
| ZAP/TW 1 GN | green | 50 | 1683680000 | ZPE 2.5 |
| ZAP/TW 1 GR | grey | 50 | 1683710000 | ZTR 2.5 |
| ZAP/TW 1 OR | Orange | 50 | 1608760000 | ZTR 2.5 BL |
| ZAP/TW 1 RT | red | 50 | 1683660000 | ZTR 2.5/O. TNHE |
| Width 2 mm | | | | |
| ZAP/TW 2 BL | blue/light blue | 50 | 1608780000 | ZDU 2.5/3AN |
| ZAP/TW 2 DB | dark beige | 50 | 1608770000 | ZDU 2.5/3AN BL |
| ZAP/TW 2 GN | green | 50 | 1683760000 | ZPE 2.5/3AN |
| ZAP/TW 2 OR | Orange | 50 | 1608790000 | |
| Width 2 mm | | | | |
| ZAP/TW 3 | dark beige | 50 | 1608800000 | ZDU 2.5/2X2AN |
| ZAP/TW 3 BL | blue/light blue | 50 | 1608810000 | ZSI 2.5 |
| ZAP/TW 3 GN | green | 50 | 1683840000 | ZSI 2.5/5X25 |
| ZAP/TW 3 GR | grey | 50 | 1683870000 | ZSI 2.5/LD 120AC |
| ZAP/TW 3 OR | Orange | 50 | 1608820000 | ZSI 2.5/LD 250AC |
| ZAP/TW 3 RT | red | 50 | 1683820000 | ZSI 2.5/LD 28AC |
| ZAP/TW 3 SW | black | 50 | 1683890000 | ZSI 2.5/LD 60AC |
| ZAP/TW 3 WS | white | 50 | 1683880000 | ZTR 2.5/3AN |
| | | | | ZTR 2.5/3AN BL |
| | | | | ZTR 2.5/3AN/O. TNHE |
| | | | | ZTR 2.5/4AN |
| | | | | ZDU 2.5/2X2AN BL |
| | | | | ZTR 2.5/4AN BL |
| | | | | ZTR 2.5/4AN/O. TNHE |
| | | | | ZDU 2.5/2X2AN/D+ |
| | | | | ZDU 2.5/2X2AN/D- |
| | | | | ZDU 2.5/2X2AN/LD+ |
| | | | | ZDU 2.5/2X2AN/LD- |
| | | | | ZDU 2.5/4AN |
| | | | | ZDU 2.5/4AN BL |
| | | | | ZPE 2.5/4AN |
| Width 1.5 mm | | | | |
| ZAP/TW ZDK2.5 | dark beige | 20 | 1674730000 | ZDK 2.5 |
| ZAP/TW ZDK2.5 BL | blue/light blue | 20 | 1748800000 | ZDK 2.5/D/1 |
| ZAP/TW ZDK2.5 OR | Orange | 20 | 1690080000 | ZDK 2.5/D/2 |
| | | | | ZDK 2.5/D/4 |
| | | | | ZDK 2.5/D/5 |
| | | | | ZDK 2.5/D/6 |
| | | | | ZDK 2.5/LD RT/1 |
| | | | | ZDK 2.5/LD RT/2 |
| | | | | ZDK 2.5V |
| | | | | ZDK 2.5 BL |
| | | | | ZDK 2.5 DU-PE |
| | | | | ZDK 2.5 EM |
| | | | | ZDK 2.5 N-DU |
| | | | | ZDK 2.5 N-PE |
| | | | | ZDK 2.5 OR |
| | | | | ZDK 2.5 PE |
| | | | | ZDK 2.5 V BL |

... for standard terminals

| Type | Colour | Qty | Order No. | For terminal: |
|---------------------|-----------------|-----|------------|---|
| Width 1.5 mm | | | | |
| ZAP ZDL2.5-2 | dark beige | 20 | 1718370000 | ZDL2 2.5-2 N |
| ZAP/TW ZDL2.5-2N | dark beige | 20 | 1782340000 | ZDL2 2.5-2 N/BL |
| ZAP/TW ZDL2.5-2N BL | blue | 20 | 1782350000 | ZDL2 2.5-2 VN ZDL2 2.5-2 VN/BL |
| Width 1.5 mm | | | | |
| ZAP ZMAK2.5 | dark beige | 10 | 1768010000 | ZMAK 2.5 |
| Width 1.5 mm | | | | |
| AP ZDTR2.5 | dark beige | 20 | 1745420000 | ZDTR 2.5 |
| AP ZDTR2.5 BL | blue | 20 | 1798340000 | ZDTR 2.5 BL |
| Width 2 mm | | | | |
| ZAP/TW 4 BL | blue/light blue | 50 | 1632100000 | ZDU 4 |
| ZAP/TW 4 | dark beige | 50 | 1632090000 | ZDU 4 BL |
| ZAP/TW 4 GN | green | 50 | 1683920000 | ZPE 4 |
| ZAP/TW 4 OR | Orange | 50 | 1632110000 | |
| Width 2 mm | | | | |
| ZAP/TW 4/3AN BL | blue | 20 | 7904110000 | ZDU 4/3AN |
| ZAP/TW 4/3AN OR | Orange | 20 | 7904120000 | ZDU 4/3AN BL |
| ZAP/TW 4/3AN | dark beige | 20 | 7904100000 | ZPE 4/3AN |
| Width 2 mm | | | | |
| ZAP/TW4/4AN | dark beige | 20 | 7904210000 | ZDU 4/4AN |
| ZAP/TW4/4AN BL | blue | 20 | 7904220000 | ZDU 4/4AN BL |
| ZAP/TW4/4AN OR | Orange | 20 | 7904230000 | ZPE 4/4AN |
| Width 2 mm | | | | |
| ZAP/TW 5 | dark beige | 50 | 1608830000 | ZDU 6 |
| ZAP/TW 5 BL | blue/light blue | 50 | 1608840000 | ZDU 6 BL |
| ZAP/TW 5 OR | Orange | 50 | 1608850000 | ZPE 6 |
| Width 2 mm | | | | |
| ZAP/TW6/3AN BL | blue | 20 | 7907380000 | ZDU 6/3AN |
| ZAP/TW6/3AN OR | Orange | 20 | 7907390000 | ZDU 6/3AN BL |
| ZAP/TW6/3AN | dark beige | 20 | 7907370000 | ZPE 6/3AN |
| Width 2.7 mm | | | | |
| ZAP/TW ZDU10 | beige | 20 | 1748660000 | ZDU 10 |
| ZAP/TW ZDU10 BL | blue/light blue | 20 | 1764110000 | ZDU 10 BL |
| ZAP/TW ZDU10 OR | Orange | 20 | 1748670000 | ZPE 10 |
| Width 3 mm | | | | |
| ZAP/TW 10/16 | beige | 20 | 1749580000 | ZDU 10/3AN |
| ZAP/TW 10/16 BL | blue | 20 | 1768520000 | ZDU 10/3AN BL |
| ZAP/TW 10/16 OR | Orange | 20 | 1749590000 | ZDU 16/3AN ZDU 16/3AN BL ZPE 10/3AN ZPE 16/3AN |
| Width 3 mm | | | | |
| ZAP/TW ZDU16 | dark beige | 20 | 1745150000 | ZDU 16 |
| ZAP/TW ZDU16 BL | blue/light blue | 20 | 1764100000 | ZDU 16 BL |
| ZAP/TW ZDU16 OR | Orange | 20 | 1745160000 | ZPE 16 |

... for roof-style terminals

| Type | Colour | Qty | Order No. | For terminal: |
|---------------------|-----------------|-----|------------|--|
| Width 2.5 mm | | | | |
| ZAP/TW7 | dark beige | 50 | 1706110000 | ZDU 2.5-2 |
| ZAP/TW7 BL | blue/light blue | 50 | 1706120000 | ZDU 2.5-2 BL |
| ZAP/TW7 OR | Orange | 50 | 1706130000 | ZDU 2.5-2/3AN ZDU 2.5-2/3AN BL ZDU 2.5-2/4AN ZDU 2.5-2/4AN BL ZDU 2.5-2/D+ ZDU 2.5-2/D- ZPE 2.5-2 ZPE 2.5-2/3AN ZPE 2.5-2/4AN ZTR 2.5-2 ZTR 2.5-2 BL ZTR 2.5-2/O.TNHE |
| Width 2 mm | | | | |
| ZAP/TW ZDK2.5-2 | dark beige | 20 | 1791050000 | ZDK 2.5-2 |
| ZAP/TW ZDK2.5-2 BL | blue | 20 | 1791060000 | ZDK 2.5-2 BL |
| ZAP/TW ZDK2.5-2 OR | Orange | 20 | 1791070000 | ZDK 2.5-2 PE ZDK 2.5V ZDK 2.5V BL |

... for roof-style terminals

| Type | Colour | Qty | Order No. | For terminal: |
|---------------------|------------|-----|------------|--|
| Width 2 mm | | | | |
| ZAP/TW ZDKPE2.5-2 | dark beige | 25 | 1805960000 | ZDKPE 2.5-2 ZDKPE 2.5-2/N/L/PE |
| Width 2 mm | | | | |
| ZAP ZDU4-2 | dark beige | 50 | 1770400000 | ZDU 4-2/2AN |
| ZAP ZDU4-2 BL | blue | 50 | 1770880000 | ZDU 4-2/2AN BL |
| ZAP ZDU4-2 OR | Orange | 50 | 1770890000 | ZDU 4-2/3AN ZDU 4-2/3AN BL ZDU 4-2/3AN LSC ZPE 4-2/2AN ZPE 4-2/3AN |
| Width 2 mm | | | | |
| ZAP ZDU4-2/4AN | dark beige | 50 | 1807010000 | ZDU 4-2/4AN |
| ZAP ZDU4-2/4AN BL | blue | 50 | 1807020000 | ZDU 4-2/4AN BL |
| ZAP ZDU4-2/4AN OR | Orange | 50 | 1807030000 | ZPE 4-2/4AN |
| Width 2.5 mm | | | | |
| ZAP ZDU6-2 | dark beige | 50 | 1771440000 | ZDU 6-2/2AN |
| ZAP ZDU6-2 BL | blue | 50 | 1771450000 | ZSI 6-2 2X2.5/G20 |
| ZAP ZDU6-2 OR | Orange | 50 | 1771460000 | ZSI 6-2 2X2.5/G20/LD1 |
| ZAP ZDU6-2 SW | black | 50 | 1814710000 | ZSI 6-2 2X2.5/G20/LD2 ZSI 6-2 2X2.5/G20/LD3 ZSI 6-2 2X2.5/G20/LD4 ZSI 6-2/FC ZSI 6-2/FC LD ZTR 6-2 ZTR 6-2 E / 230V UC ZTR 6-2 E / 24V DC ZDU 6-2/2AN BL ZDU 6-2/3AN ZDU 6-2/3AN BL ZPE 6-2/2AN ZPE 6-2/3AN ZSI 2.5-2/2X2AN/G20 ZSI 2.5-2/2X2AN/G20/LD1 ZSI 2.5-2/2X2AN/G20/LD2 |
| Width 2.5 mm | | | | |
| ZAP/Z...16-2/1AN | dark beige | 10 | 1772970000 | ZPE 16-2/1AN |

... for initiator-actuator terminals

| Type | Colour | Qty | Order No. | For terminal: |
|---------------------|------------|-----|------------|--|
| Width 5.1 mm | | | | |
| ZAP/TW ZPV1.5 | dark beige | 50 | 1674650000 | ZAP/TW ZPV1.5 ZPV 1.5 |
| Width 5.1 mm | | | | |
| ZAP/TW ZIA1.5/3L | beige | 50 | 1649540000 | ZIA 1.5/3L-1S ZIA 1.5/3L-1S/LD ZIA 1.5/3L-PE |
| Width 5.1 mm | | | | |
| ZAP/TWZIA1.5/4L | beige | 50 | 1649550000 | ZIA 1.5/4L-1S ZIA 1.5/4L-1S/LD ZIA 1.5/4L-PE |
| Width 5 mm | | | | |
| AP ZRV1.5 DB | dark beige | 10 | 1698180000 | |

Accessories - Optical separation

... for installations terminals

| Type | Colour | Qty | Order No. | For terminal: |
|-------------------|------------|-----|-------------------|---------------|
| Width 3 mm | | | | |
| ZHP Z/W BL | blue | 20 | 1745180000 | ZDU 10S |
| ZHP ZDL2.5S BL | blue | 20 | 1720890000 | ZDU 10S BL |
| | | | | ZDU 16S |
| | | | | ZDU 16S BL |
| | | | | ZNT 10S |
| | | | | ZNT 16S |
| | | | | ZNT 35 |
| | | | | ZPE 10S |
| | | | | ZPE 16S |
| Width 2 mm | | | | |
| ZAP ZDU10/16S | dark beige | 20 | 1739660000 | ZDU 10/NT |
| | | | | ZDU 10S |
| | | | | ZDU 10S BL |
| | | | | ZDU 16S |
| | | | | ZDU 16S BL |
| | | | | ZNT 10S |
| | | | | ZNT 16S |
| | | | | ZPE 10S |
| | | | | ZPE 16S |
| Width 5 mm | | | | |
| ZHP Z/W SO | blue | 20 | 1781070000 | ZDU 10S |
| | | | | ZDU 10S BL |
| | | | | ZDU 16S |
| | | | | ZDU 16S BL |
| | | | | ZNT 10S |
| | | | | ZNT 16S |
| | | | | ZNT 35 |
| | | | | ZPE 10S |
| | | | | ZPE 16S |
| Width 2 mm | | | | |
| ZAP ZDU 2.5 S | dark beige | 20 | 1808030000 | ZDU 2.5 S |
| ZAP ZDU 2.5 S BL | blue | 20 | 1808040000 | ZDU 2.5 S BL |
| ZAP ZDU 2.5 S OR | Orange | 20 | 1808050000 | ZNT 2.5 S |
| | | | | ZPE 2.5 S |
| Width 2 mm | | | | |
| ZAP ZDU 4 S | dark beige | 20 | 1808380000 | ZDU 4 S |
| ZAP ZDU 4 S BL | blue | 20 | 1808390000 | ZDU 4 S BL |
| | | | | ZNT 4 S |
| | | | | ZPE 4 S |
| Width 2 mm | | | | |
| ZAP ZDU 6 S | dark beige | 20 | 1808250000 | ZDU 6 S |
| ZAP ZDU 6 S BL | blue | 20 | 1808260000 | ZDU 6 S BL |
| | | | | ZNT 6 S |
| | | | | ZPE 6 S |
| Width 3 mm | | | | |
| ZHP S | blue | 20 | 1808290000 | ZDU 2.5 S |
| ZHP S SO | blue | 20 | 1808280000 | ZPE 2.5 S |
| | | | | ZPE 4 S |
| | | | | ZPE 6 S |
| | | | | ZDU 2.5 S BL |
| | | | | ZDU 4 S |
| | | | | ZDU 4 S BL |
| | | | | ZDU 6 S |
| | | | | ZDU 6 S BL |
| | | | | ZNT 2.5 S |
| | | | | ZNT 4 S |
| | | | | ZNT 6 S |

... for mini-terminals

| Type | Colour | Qty | Order No. | For terminal: |
|---------------------|-----------------|-----|-------------------|----------------------|
| Width 1.5 mm | | | | |
| ZAP/TW ZDUA | dark beige | 50 | 1720960000 | ZDUA 2.5-2 |
| ZAP/TW ZDUA BL | blue/light blue | 50 | 1720970000 | ZDUA 2.5-2 BL |
| ZAP/TW ZDUA OR | Orange | 50 | 1720980000 | ZPEA 2.5-2 |
| Width 2.5 mm | | | | |
| ZAP/TW ZDUA2.5-2N | dark beige | 50 | 1808170000 | ZDUA 2.5-2N |
| | | | | ZDUA 2.5-2N BL |
| | | | | ZPEA 2.5-2N |
| Width 5 mm | | | | |
| ZAP ZDUB | dark beige | 50 | 1704750000 | ZDUB 2.5-2/2AN/15 |
| ZAP ZDUB BL | blue/light blue | 50 | 1704760000 | ZDUB 2.5-2/2AN/RC BL |
| ZAP ZDUB OR | Orange | 50 | 1704770000 | ZDUB 2.5-2/2AN/RC GE |
| | | | | ZDUB 2.5-2/2AN/RC OR |
| | | | | ZDUB 2.5-2/4AN/15 |
| | | | | ZDUB 2.5-2/4AN/15 BL |
| | | | | ZDUB 2.5-2/4AN/DB |
| | | | | ZDUB 2.5-2/4AN/DB BL |
| | | | | ZDUB 2.5-2/4AN/DB GE |
| | | | | ZDUB 2.5-2/4AN/DM |
| | | | | ZDUB 2.5-2/4AN/DM BL |
| | | | | ZDUB 2.5-2/2AN/15 BL |
| | | | | ZDUB 2.5-2/4AN/DM GE |
| | | | | ZDUB 2.5-2/4AN/RC |
| | | | | ZDUB 2.5-2/4AN/RC/BL |
| | | | | ZDUB 2.5-2/4AN/RC/GE |
| | | | | ZPEB 2.5-2/2AN |
| | | | | ZDUB 2.5-2/2AN/DB |
| | | | | ZDUB 2.5-2/2AN/DB BL |
| | | | | ZDUB 2.5-2/2AN/DB GE |
| | | | | ZDUB 2.5-2/2AN/DM |
| | | | | ZDUB 2.5-2/2AN/DM BL |
| | | | | ZDUB 2.5-2/2AN/DM GE |
| | | | | ZDUB 2.5-2/2AN/RC |
| Width 5 mm | | | | |
| ZTW ZDUB | dark beige | 50 | 1704340000 | ZDUB 2.5-2/2AN/15 |
| | | | | ZDUB 2.5-2/2AN/RC BL |
| | | | | ZDUB 2.5-2/2AN/RC GE |
| | | | | ZDUB 2.5-2/2AN/RC OR |
| | | | | ZDUB 2.5-2/4AN/15 |
| | | | | ZDUB 2.5-2/4AN/15 BL |
| | | | | ZDUB 2.5-2/4AN/DB |
| | | | | ZDUB 2.5-2/4AN/DB BL |
| | | | | ZDUB 2.5-2/4AN/DB GE |
| | | | | ZDUB 2.5-2/4AN/DM |
| | | | | ZDUB 2.5-2/4AN/DM BL |
| | | | | ZDUB 2.5-2/2AN/15 BL |
| | | | | ZDUB 2.5-2/4AN/DM GE |
| | | | | ZDUB 2.5-2/4AN/RC |
| | | | | ZDUB 2.5-2/4AN/RC/BL |
| | | | | ZDUB 2.5-2/4AN/RC/GE |
| | | | | ZPEB 2.5-2/2AN |
| | | | | ZDUB 2.5-2/2AN/DB |
| | | | | ZDUB 2.5-2/2AN/DB BL |
| | | | | ZDUB 2.5-2/2AN/DB GE |
| | | | | ZDUB 2.5-2/2AN/DM |
| | | | | ZDUB 2.5-2/2AN/DM BL |
| | | | | ZDUB 2.5-2/2AN/DM GE |
| | | | | ZDUB 2.5-2/2AN/RC |

... for WeiCoS pluggable terminals

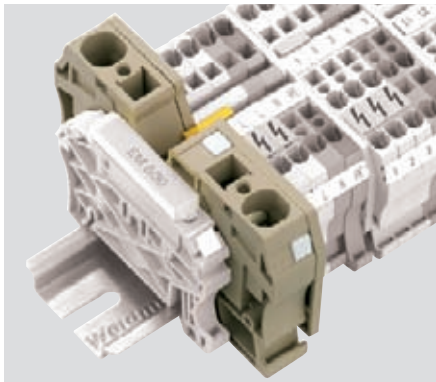
| Type | Colour | Qty | Order No. | For terminal: |
|-----------------------|------------|-----|-------------------|--|
| Width 2.5 mm | | | | |
| ZAP/TW ZT2.5/2AN | dark beige | 50 | 1816030000 | ZT 2.5/2AN/1 |
| ZAP/TW ZT2.5/2AN OR | Orange | 50 | 1816040000 | ZTPE 2.5/2AN/1 |
| Width 2.5 mm | | | | |
| ZAP/TW ZT2.5/3AN | dark beige | 50 | 1816050000 | ZT 2.5/3AN/1 ZTPE 2.5/3AN/1 |
| Width 2.5 mm | | | | |
| ZAP/TW ZT2.5/4AN/2 | dark beige | 50 | 1816070000 | ZT 2.5/4AN/2 |
| ZAP/TW ZT2.5/4AN/2 OR | Orange | 50 | 1816080000 | ZTPE 2.5/4AN/2 |
| Width 2.5 mm | | | | |
| ZAP/TW ZT2.5/4AN/4 | dark beige | 50 | 1816090000 | ZT 2.5/4AN/4 |
| ZAP/TW ZT2.5/4AN/4 OR | Orange | 50 | 1816100000 | ZTC 2.5/4AN/4 ZTCPE 2.5/4AN/4 ZTPE 2.5/4AN/4 |
| Width 2.5 mm | | | | |
| ZAP/TW ZDT2.5/2 | dark beige | 50 | 1816110000 | ZDT 2.5/2 ZDT 2.5/2 DU-PE ZDT 2.5/2 PE |
| Width | | | | |
| ZAP/TW ZTTR2.5 | dark beige | 50 | 1865520000 | ZTTR 2.5 ZTTR 2.5/O. TNHE |

... for custom applications

| Type | Colour | Qty | Order No. | For terminal: |
|---------------------|------------|-----|-------------------|---|
| Width 2 mm | | | | |
| ZTW ZTL6 | dark beige | 20 | 1771870000 | ZTD 6 |
| ZTW ZTL6 OR | Orange | 20 | 1771880000 | ZTD 6/STB ZTL 6 ZTL 6/STB |
| Width 1.5 mm | | | | |
| ZAP ZDU4/NT | dark beige | 20 | 1757970000 | ZDU 4/NT ZDU 4/NT DB |
| Width 2 mm | | | | |
| ZAP ZDU10/16S | dark beige | 20 | 1739660000 | ZDU 10/NT ZDU 10S ZDU 10S BL ZDU 16S ZDU 16S BL ZNT 10S ZNT 16S ZPE 10S ZPE 16S |

Accessories – Electrical supply

ZEI 16 supply terminal



The ZEI 16 supply terminal can be used for supplying current up to a conductor cross-section of 25 mm².

Standard cross-connections then distribute the current to any number of terminals with a smaller cross-sectional area.

The following tables show a number of options for distributing current at the supply point, together with corresponding cross-connections and the maximum current.

Integrated partition plate



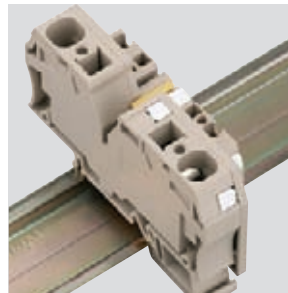
Output possible on left and right



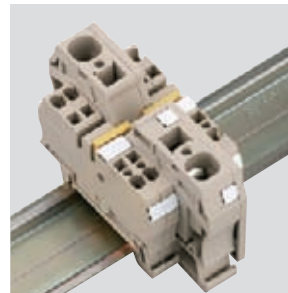
Output options and corresponding cross-connections

| Supply terminals | Output terminals | Cross-connection | Supply left | Supply right |
|--------------------|---------------------|--------------------|-------------|--------------|
| ZEI 16 | ZDU 2.5 | ZQV 2.5/... | • | • |
| | ZDU 2.5/4AN | ZQV 2.5/... | • | • |
| | ZDU 2.5N | ZQV 2.5/... | • | • |
| | ZDU 2.5N/3AN | ZQV 2.5/... | • | • |
| | ZDU 2.5N/4AN | ZQV 2.5/... | • | • |
| | ZDU 4 | ZQV 4/... | • | • |
| | ZDU 4/3AN | ZQV 4/... | • | • 1) |
| | ZDU 4/4AN | ZQV 4/... | • | • 1) |
| | ZDU 6 | ZQV 6/... | • | • |
| | ZDU 6/3AN | ZQV 6/... | • | • 1) |
| | ZTR 2.5 | ZQV 2.5/... | • 2) | • 2) |
| | ZTR 2.5/3AN | ZQV 2.5/... | • 2) | • 2) |
| ZTR 2.5/4AN | ZQV 2.5/... | • | • | |
| Supply terminals | Output terminals | Cross-connection | Supply left | Supply right |
| ZEI 6 | ZDU 1.5 | ZQV 1.5/... | • | • |
| | ZDU 1.5/3AN | ZQV 1.5/... | • | • |
| | ZDU 1.5/4AN | ZQV 1.5/... | • | • 1) |

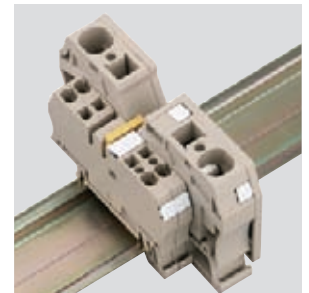
1) with IEPL 2) with QVAR



$$I_{max} = \sum I_n \text{ (left)}$$



$$I_{max} = \sum I_n \text{ (left)} + \sum I_n \text{ (right)}$$



$$I_{max} = \sum I_n \text{ (right)}$$

Ordering data

| Type | Colour | Qty. | Order No. |
|-----------|------------|------|------------|
| ZEI 16 | dark beige | 20 | 1745350000 |
| ZEI 16 BL | blue | 20 | 1766240000 |
| IEPL | dark beige | 20 | 1859570000 |
| QVAR | dark beige | 20 | 1836370000 |

Maximum possible current I_{max}

| Supply terminals | Cross-connection | Supply conductor cross-section area | Supply left or right | Supply middle |
|--------------------|------------------|-------------------------------------|----------------------|---------------|
| ZDU 2.5 | ZQV 2.5 | 16 mm ² | 48 A | 76 A |
| | | 25 mm ² | 48 A | 89 A |
| ZDU 2.5/4AN | ZQV 2.5 | 16 mm ² | 48 A | 76 A |
| | | 25 mm ² | 48 A | 89 A |
| ZDU 4 | ZQV 4 | 16 mm ² | 64 A | 76 A |
| | | 25 mm ² | 66 A | 100 A |
| ZDU 6 | ZQV 6 | 16 mm ² | 76 A | 76 A |
| | | 25 mm ² | 82 A | 100 A |

Supply with standard terminals

According to IEC 60204-1 and IEC 60 439-1, when reducing the conductors within distribution boards and controllers, protective devices for cables and conductors can be installed up to a maximum of 3 metres away from the supply side and need not be positioned at the beginning of the supply side. The conductor before the output fuse must be routed to make it “short-circuit proof”.

Supply on the left



Supply on the right



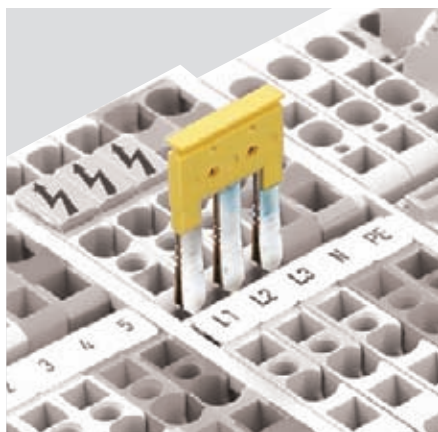
Supply options and corresponding cross-connections

| | | on the right | | | | | | | | | | | | |
|------------------|------------------|---------------------|-------------|-------------|----------|--------------|--------------|-------|-----------|-----------|--|---------|-------------|-------------|
| Output terminals | Supply terminals | ZDU 2.5 | ZDU 2.5/3AN | ZDU 2.5/4AN | ZDU 2.5N | ZDU 2.5N/3AN | ZDU 2.5N/4AN | ZDU 4 | ZDU 4/3AN | ZDU 4/4AN | | ZTR 2.5 | ZTR 2.5/3AN | ZTR 2.5/4AN |
| | | on the left | | | | | | | | | | | | |
| ZDU 4 | | • | • 2) | • | • | • 2) | • | • | • | • | | • 2) | • 2) | • |
| ZDU 4/3AN | | • 1) | • 2) | • 1) | • 1) | • 2) | • 1) | | • | | | • 2) | • 2) | • |
| ZDU 4/4AN | | • 1) | • 2) | • 1) | • 1) | • 2) | • 1) | | | • | | • 2) | • 2) | • 1) |
| ZDU 6 | | • | • 2) | • | • | • 2) | • | • | • | • | | • 2) | • 2) | • |
| ZDU 6/3AN | | • 1) | | • 1) | • 1) | | • 1) | | | | | | | • 1) |
| | | on the left | | | | | | | | | | | | |
| Output terminals | Supply terminals | ZDU 2.5 | ZDU 2.5/3AN | ZDU 2.5/4AN | ZDU 2.5N | ZDU 2.5N/3AN | ZDU 2.5N/4AN | ZDU 4 | ZDU 4/3AN | ZDU 4/4AN | | ZTR 2.5 | ZTR 2.5/3AN | ZTR 2.5/4AN |
| | | on the right | | | | | | | | | | | | |
| ZDU 4 | | • | • 2) | • 1) | • | • 2) | • 1) | • | | | | • 2) | • 2) | • 1) |
| ZDU 4 / 3 AN | | • | • 2) | • 1) | • | • 2) | • 1) | • | • | | | • 2) | • 2) | • 1) |
| ZDU 4 / 4 AN | | • | • 2) | • 1) | • | • 2) | • 1) | • | • | • | | • 2) | • 2) | • 1) |
| ZDU 6 | | • | • 2) | • 1) | • | • 2) | • 1) | • | | | | • 2) | • 2) | • 1) |
| ZDU 6 / 3 AN | | • | • 2) | • 1) | • | • 2) | • 1) | • | • | | | • 2) | • 2) | • |

1) with IEPL 2) with QVAR

Accessories – Electrical supply

Plug-in cross-connection ZQV



The time-saving, easy-to-use cross-connection comb for terminals, featuring tension clamp technology.

- **ZQV 2.5** as 2- to 10-pole combs and ZQV 2.5/20 – continuous (20-pole)
- **ZQV 4** as 2- to 10-pole combs and ZQV4/20 – continuous (20-pole)
- **ZQV 6** as 2- to 4-pole combs and ZQV6/32 – continuous (24-pole)
- **ZQV 10, ZQV 16** and **ZQV 35** as 2-pole combs (bridges)
- **ZQV 35-10, ZQV 35-16** and **ZQV 16-10** as reducer cross-connector distributes current from terminals with larger crosssections to terminals with smaller crosssection.
- **ZQV 2.5N** as 2- to 10-pole combs and ZQV2.5N/20 – continuous (20-pole)

These versions come with complete shock protection.

However, please note that the rated voltage is reduced to 400 V when using cross-connections (e.g. for terminal types ZDU 2.5 to ZDU 35 and ZDU 2.5-2). This does not apply to terminals with a rated voltage below 500 V. Here the rated voltage of the used terminal is mandatory (e.g. terminal types ZTR 2.5 and ZTR 2.5/3AN).

Breaking out contact elements

Breaking out one or more (max. 60 %) contact elements from cross-connections enables certain terminals to be bypassed to suit the application.

Fitting and changing cross-connection

The fitting and changing of cross-connections is a trouble-free and fast operation:
– Insert the cross-connection into the cross-conn. channel in the terminal...

...and press it fully home.

(The cross-connection may not project from the channel.)

– Remove a cross-connection by simply prising it out with a screwdriver.

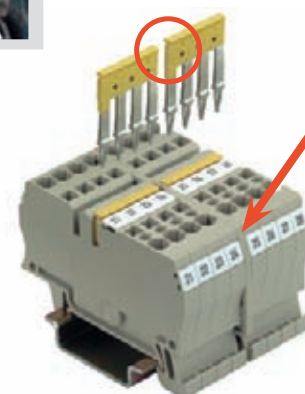
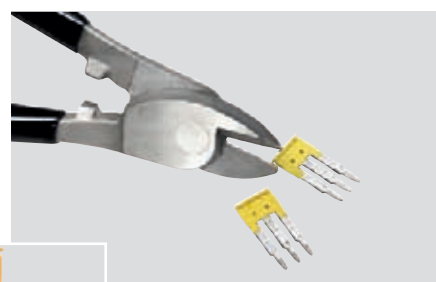
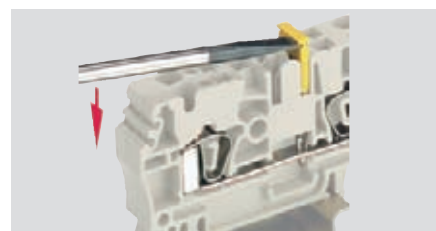
Shortening cross-connections

Cross-connections can be shortened in length using a suitable cutting tool, e.g. KT ZQV (order No. 900217). However, three contact elements must always be retained.

Caution:

Contact elements must not be deformed!

If a cross-connection is shortened, end plates or partition plates (ZAP/TW) must be used to maintain the rated voltage of 250 V (fitted to the bare cut edges of the cross-connection).

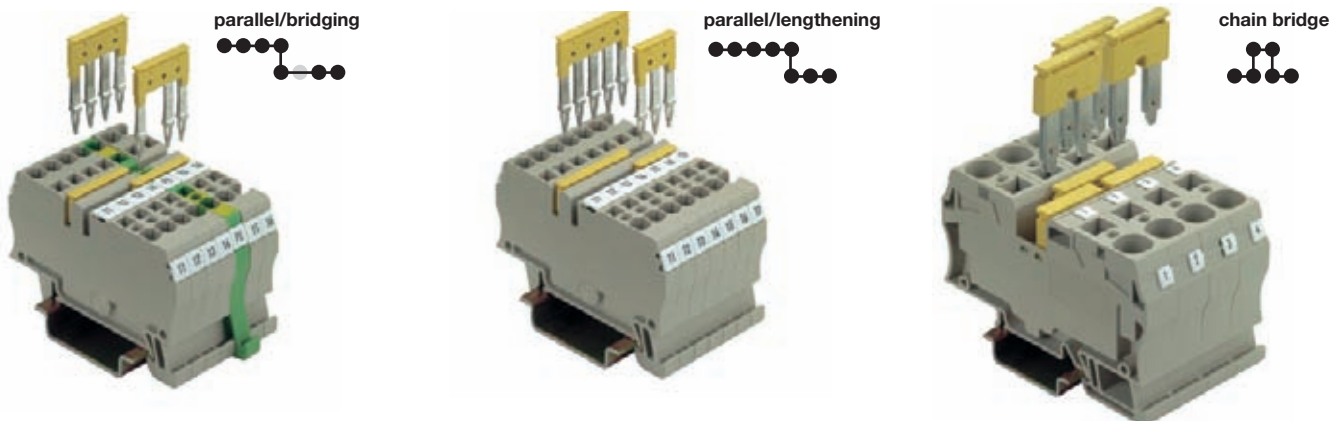


Possible combinations

In one cross-connection channel



In two cross-connection channels



Possible cross-connections of terminals of the same type with corresponding cross-connections

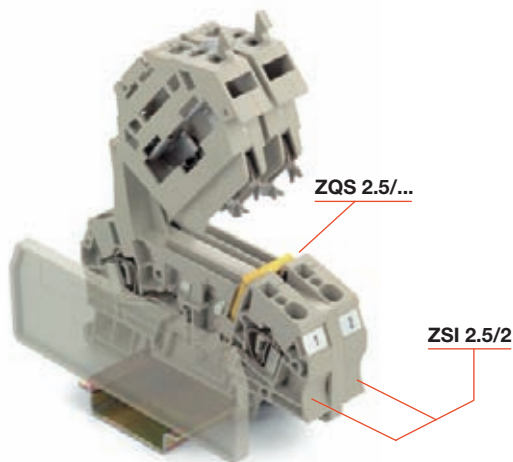
| Terminal type | Cross-connection | single | adjacent | bridging | chain bridge | parallel bridging | parallel lengthening |
|------------------------|------------------|--------|----------|----------|--------------|-------------------|----------------------|
| Standard terminals | | | | | | | |
| ZDU 2.5 | ZQV 2.5/... | • | • | • | • | • | • |
| ZDU 2.5 / 3 AN | ZQV 2.5/... | • | • | • | • | • | • |
| ZDU 2.5 / 4 AN | ZQV 2.5/... | • | • | • | • | • | • |
| ZDU 2.5N | ZQV 2.5/... | • | • | • | • | • | • |
| ZDU 2.5N / 3 AN | ZQV 2.5/... | • | • | • | • | • | • |
| ZDU 2.5N / 4 AN | ZQV 2.5/... | • | • | • | • | • | • |
| ZTR 2.5 ... | ZQV 2.5/... | • | • | • | • | • | • |
| ZSI 2.5 ... | ZQV 2.5/... | • | • | • | • | • | • |
| ZDU 4 ... | ZQV 4/... | • | • | • | • | • | • |
| ZDU 6 ... | ZQV 6/... | • | • | • | • | • | • |
| ZDU 10, ZDU 16, ZDU 35 | ZQV 10/2 | • | • | • | • | • | • |
| ZPE 2.5 | ZQV 2.5/... | • | • | • | • | • | • |
| ZPE 4 | ZQV 4/... | • | • | • | • | • | • |
| ZPE 6 | ZQV 6/... | • | • | • | • | • | • |
| ZPE 10, ZPE 16, ZPE 35 | ZQV 10 | • | • | • | • | • | • |
| Roof-Style terminals | | | | | | | |
| ZDU 2.5-2 | ZQV 2.5/... | • | • | • | • | • | • |
| ZDU 2.5-2 / 3 AN | ZQV 2.5/... | • | • | • | • | • | • |
| ZDU 4-2/... | ZQV 4/... | • | • | • | • | • | • |
| ZDU 6-2/... | ZQV 6/... | • | • | • | • | • | • |
| ZPE 2.5-2 | ZQV 2.5/... | • | • | • | • | • | • |
| ZPE 2.5-2 / 3 AN | ZQV 42.5/... | • | • | • | • | • | • |
| ZPE 4-2/... | ZQV 4/... | • | • | • | • | • | • |
| ZPE 6-2/... | ZQV 6/... | • | • | • | • | • | • |

Alternative cross-connections available

Terminals with different rated cross-section



Fuse terminals with same rated cross-section



It is necessary to break out the cross-connection panel in the side wall of the fuse terminal.

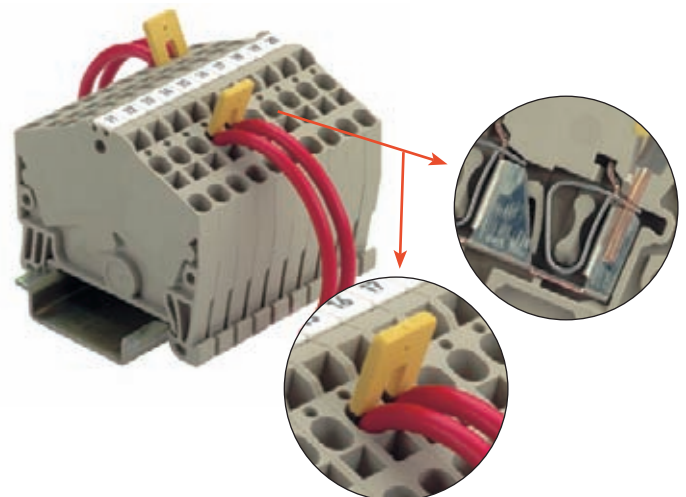


Terminals without cross-connection channel – ZDU 2.5-2 / 4 AN

To cross connect ZDU 2.5-2/4 AN terminals, which do not have cross-connection channels, use the ZQB 2.5 cross-connection bridge to provide a simple cross-connection solution.

The illustration shows how to fit **ZQB 2.5** correctly.

Always ensure that the conductor is placed between the tension clamp and ZQB 2.5.
The conductor cross-sections is reduced to 1.5 mm² “e” and “f” as a result of using ZWB 2.5.



Accessories - Electrical supply

Cross-connections according to dimensions

ZQV 1.5



ZQV 2.5



ZQV 4



| Technical data | |
|-------------------|---|
| current / current | A |
| Ordering data | |
| 2-pole | |
| 3-pole | |
| 4-pole | |
| 5-pole | |
| 6-pole | |
| 7-pole | |
| 8-pole | |
| 9-pole | |
| 10-pole | |
| 20-pole | |
| 32-pole | |

| 17.5 / 17.5 | | | |
|---------------|-----|------------|--|
| Type | Qty | Order No. | |
| ZQV 1.5/2 | 60 | 1776120000 | |
| ZQV 1.5/3 | 60 | 1776130000 | |
| ZQV 1.5/4 | 60 | 1776140000 | |
| ZQV 1.5/5 | 20 | 1776150000 | |
| ZQV 1.5/10 | 20 | 1776200000 | |
| For terminal: | | | |
| ZDU 1.5 ... | | | |
| ZDK 1.5 ... | | | |
| ZEI 6 | | | |

| 24 / 24 | | | |
|---------------|-----------------|------------|--|
| Type | Qty | Order No. | |
| ZQV 2.5/2 | 60 | 1608860000 | |
| ZQV 2.5/3 | 60 | 1608870000 | |
| ZQV 2.5/4 | 60 | 1608880000 | |
| ZQV 2.5/5 | 20 | 1608890000 | |
| ZQV 2.5/6 | 20 | 1608900000 | |
| ZQV 2.5/7 | 20 | 1608910000 | |
| ZQV 2.5/8 | 20 | 1608920000 | |
| ZQV 2.5/9 | 20 | 1608930000 | |
| ZQV 2.5/10 | 20 | 1608940000 | |
| ZQV 2.5/20 | 20 | 1908960000 | |
| For terminal: | | | |
| ZDU 2.5 ... | ZDU 2.5-2 ... | | |
| ZDK 2.5 ... | ZDK 2.5-2 ... | | |
| ZTR 2.5 ... | ZTR 2.5-2 ... | | |
| ZDTR 2.5 | ZDLD 2.5-2 ... | | |
| ZTSI 2.5 ... | ZDKPE 2.5-2 | | |
| ZRV 2.5 ... | ZDU 2.5N ... | | |
| ZIA 2.5 ... | ZNT 2.5/3AN ... | | |
| ZEI 16 | ZEI 16-2/1 AN | | |
| | ZDU 2.5 S | | |
| | ZTN 2.5 S | | |

| 32 / 32 | | | |
|---------------|---------------|------------|--|
| Type | Qty | Order No. | |
| ZQV 4/2 GE | 60 | 1608950000 | |
| ZQV 4/3 GE | 60 | 1608960000 | |
| ZQV 4/4 GE | 60 | 1608970000 | |
| ZQV 4/5 GE | 20 | 1608980000 | |
| ZQV 4/6 GE | 20 | 1608990000 | |
| ZQV 4/7 GE | 20 | 1609000000 | |
| ZQV 4/8 GE | 20 | 1609010000 | |
| ZQV 4/9 GE | 20 | 1609020000 | |
| ZQV 4/10 GE | 20 | 1609030000 | |
| ZQV 4/20 GE | 20 | 1909010000 | |
| For terminal: | | | |
| ZDU 4 ... | ZDU 4-2 ... | | |
| ZDK 4/S ... | ZDU 4 S | | |
| ZEI 16 | ZNT 4 S | | |
| | ZEI 16-2/1 AN | | |

Cross-connections according to dimensions

ZQV 16-10

Reducing cross-connection



ZQV 35-10

Reducing cross-connection



ZQV 35-16

Reducing cross-connection



| Technical data | |
|-------------------|---|
| current / current | A |
| Ordering data | |
| 2-pole | |
| 3-pole | |
| 4-pole | |
| 5-pole | |
| 6-pole | |
| 7-pole | |
| 8-pole | |
| 9-pole | |
| 10-pole | |
| 20-pole | |
| 32-pole | |

| 57 / 76 | | | |
|---------------|----------|------------|--|
| Type | Qty | Order No. | |
| ZQV 16-10 | 50 | 7920080000 | |
| For terminal: | | | |
| ZDU 10 ... | ZDU 10 S | | |
| ZPE 10 ... | ZNT 10 S | | |
| ZDU 16 ... | ZDU 16 S | | |
| ZPE 16 | ZPE 16 S | | |
| | ZNT 16 S | | |

| 57 / 105 | | | |
|---------------|----------|------------|--|
| Type | Qty | Order No. | |
| ZQV 35-10 | 10 | 7920100000 | |
| For terminal: | | | |
| ZDU 10 ... | ZDU 10 S | | |
| ZPE 10 ... | ZNT 10 S | | |
| ZDU 35 | | | |
| ZPE 35 | | | |

| 76 / 105 | | | |
|---------------|----------|------------|--|
| Type | Qty | Order No. | |
| ZQV 35-16 | 10 | 7920120000 | |
| For terminal: | | | |
| ZDU 16 ... | ZDU 16 S | | |
| ZPE 16 ... | ZPE 16 S | | |
| ZDU 35 | | | |
| ZPE 35 | | | |

ZQV 6



| 41 / 41 | | |
|----------------------|---------------|------------|
| Type | Qty | Order No. |
| ZQV 6/2 GE | 60 | 1627850000 |
| ZQV 6/3 GE | 60 | 1627860000 |
| ZQV 6/4 GE | 60 | 1627870000 |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| ZQV 6/32 GE | 10 | 1733640000 |
| For terminal: | | |
| ZDU 6 ... | ZDU 6-2 ... | |
| ZDK 6/S ... | ZDU 6 S | |
| ZTL 6 ... | ZNT 6 S | |
| ZEI 16 ZEI | ZEI 16-2/1 AN | |

ZQV 10/2



| 57 / 17.5 | | |
|----------------------|----------|------------|
| Type | Qty | Order No. |
| ZQV 10/2 | 25 | 1739680000 |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| For terminal: | | |
| ZDU 10 ... | ZDU 10 S | |
| ZDU 10 NT | ZNT 10 S | |

ZQV 16/2



| 76 / 76 | | |
|----------------------|----------|------------|
| Type | Qty | Order No. |
| ZQV 16/2 | 25 | 1739690000 |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| For terminal: | | |
| ZDU 16 | ZDU 16 S | |
| ZPE 16 | ZPE 16 S | |
| | ZNT 16 S | |

ZQV 35/2



| 105 / 105 | | |
|----------------------|-----|------------|
| Type | Qty | Order No. |
| ZQV 35/2 | 10 | 1739700000 |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| For terminal: | | |
| ZDU 35 | | |
| ZPE 35 | | |
| ZNT 35/S | | |

ZQV 2.5N



| 24 / 24 | | |
|----------------------|-----------------|------------|
| Type | Qty | Order No. |
| ZQV 2.5N/2 GE | 60 | 1693800000 |
| ZQV 2.5N/3 GE | 60 | 1693810000 |
| ZQV 2.5N/4 GE | 60 | 1693820000 |
| ZQV 2.5N/5 GE | 20 | 1693830000 |
| ZQV 2.5N/6 GE | 20 | 1693840000 |
| ZQV 2.5N/7 GE | 20 | 1693850000 |
| ZQV 2.5N/8 GE | 20 | 1693860000 |
| ZQV 2.5N/9 GE | 20 | 1693870000 |
| ZQV 2.5N/10 GE | 20 | 1693880000 |
| | | |
| For terminal: | | |
| ZT 2.5 ... | ZDUA 2.5-2 ... | |
| ZDT 2.5 ... | ZDUA 2.5-2N ... | |
| ZP 2.5 ... | ZDL 2.5 ... | |
| ZTTQ 2.5 ... | ZDL 2.5 S | |
| ZTC ... | | |

ZQB 2.5



| 24 / 24 | | |
|----------------------|-----------------|------------|
| Type | Qty | Order No. |
| ZQB 2.5-2 | 50 | 1677120000 |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| For terminal: | | |
| | ZDUB 2.5-2/4 AN | |
| | ZDU 2.5-2/4 AN | |

The ZQB 2.5 cross-connector is used for connecting terminals without a separated cross-connection channel.
The ZBW tools is used for opening the terminal points. (order no. 1650670000)

ZQS 2.5



| / 10 | | |
|----------------------|-----|------------|
| Type | Qty | Order No. |
| ZQS 2.5/2 | 20 | 1633200000 |
| ZQS 2.5/3 | 20 | 1633210000 |
| ZQS 2.5/4 | 20 | 1633220000 |
| ZQS 2.5/5 | 20 | 1633230000 |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| For terminal: | | |
| ZSI 2.5/2 ... | | |

ZVQ 2.5/1.5



| / 23 | | |
|----------------------|----------------|------------|
| Type | Qty | Order No. |
| ZVQ 2.5/1.5 | 50 | 1720700000 |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| For terminal: | | |
| ZDK 2.5 ... | ZDLD 2.5-2 ... | |
| ZDT 2.5/2 | | |

Accessories – WeiCoS pluggable modular terminals

Plug accessories

WeiCoS 2.5 mm²

Locking element

ZVR ZP 2.5

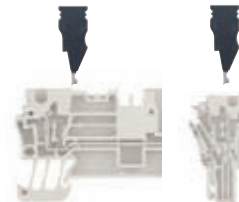


| Ordering data | Type | Qty. | Order No. |
|---------------|------------|------|------------|
| | ZVR ZP 2.5 | 25 | 1816130000 |

Test adapter

1 x 1827080000 and (n-1) x 1847600000 are required for setting up n-pole blocks.

ZTA ZT 2.5



| Ordering data | Type | Qty. | Order No. |
|---------------|-----------------------------|------|------------|
| | ZTA ZT 2.5 (without spigot) | 25 | 1827080000 |
| | ZTA ZT 2.5 (with spigot) | 25 | 1847600000 |

D

Coding element

KOSF ZT 2.5



| Ordering data | Type | Qty. | Order No. |
|---------------|-------------|------|------------|
| | KOSF ZT 2.5 | 50 | 1816150000 |

Locking element

ZVR ZP 2.5 in conjunction with separate coupling

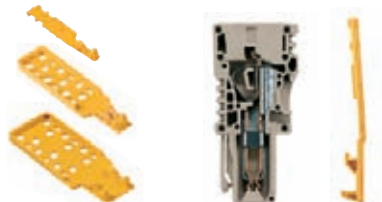
ZVR ZPS 2.5



| Ordering data | Type | Qty. | Order No. |
|---------------|-------------|------|------------|
| | ZVR ZPS 2.5 | 20 | 1878620000 |

Strain relief

ZZE ZP 2.5



| Ordering data | Type | Qty. | Order No. |
|---------------|-----------------------|------|------------|
| | ZZE ZP 2.5 – 1-pole | 25 | 1816140000 |
| | ZZE ZP 2.5/4 – 4-pole | 25 | 1866220000 |
| | ZZE ZP 2.5/8 – 8-pole | 25 | 1866230000 |

Protective cover

ZAD ZT / ZPS 2.5



| Ordering data | Type | Qty. | Order No. |
|---------------|------------------|------|------------|
| | ZAD ZT / ZPS 2.5 | 50 | 1861030000 |

Plug accessories

WeiCoS 4 mm²

Locking element

ZVR ZP 4



| Ordering data | Type | Qty. | Order No. |
|---------------|----------|------|------------|
| | ZVR ZP 4 | 25 | 1855250000 |

Fixing set

Contents ZT2/1AN FX-Set:

- 20 fixing blocks with nuts
- 20 fixing brackets
- 20 M3 screws

Contents ZT4/2AN FX-Set:

- 20 fixing blocks with nuts
- 40 fixing brackets
- 40 M3 screws

ZT2/1AN / ZT4/2AN



| Ordering data | Type | Qty. | Order No. |
|---------------|----------------|------|------------|
| | ZT2/1AN FX-Set | 20 | 1859750000 |
| | ZT4/2AN FX-Set | 20 | 1859740000 |

Coding element

KOSF ZT 4



| Ordering data | Type | Qty. | Order No. |
|---------------|-----------|------|------------|
| | KOSF ZT 4 | 50 | 1856860000 |

Strain relief

ZZE ZP 4



| Ordering data | Type | Qty. | Order No. |
|---------------|----------|------|------------|
| | ZZE ZP 4 | 25 | 1855260000 |

Accessories – WeiCoS pluggable modular terminals

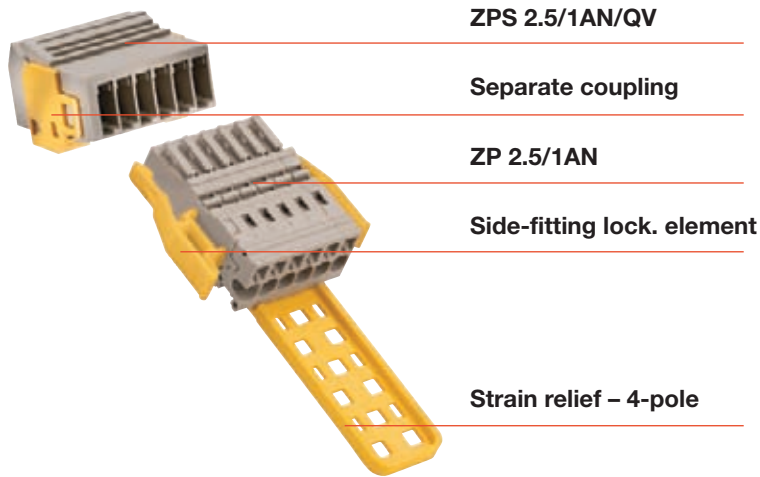
Mounting set – separate coupling

Modern industry without modularity in the individual applications would be unthinkable

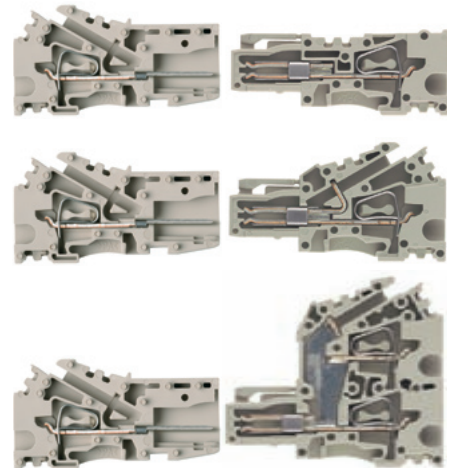
Coupled with high temperature and vibration demands, modularity requires the use of specially tested products. Wherever functional units are pre-assembled or have to be quickly separated, flexible systems are high on the agenda. The WeiCoS separate coupling represents a further extension to the Weidmüller modular concept. The WeiCoS separate coupling is the ideal solution for wiring without “heavyweight” enclosures.

The modular WeiCoS separate coupling concept from Weidmüller represents a compact alternative to the through-panel plug-in connector or signal and lighting distribution terminals. Together with the pluggable modular terminals from the WeiCoS range, they form an ideal combination for creating flexible functional units.

D



Separate coupling – 3 plugs, 1 line



Separate coupling

ZVLA1 ZPS 2.5



Alternative to the side-fitting locking element, the central locking element

ZVR ZP 2.5



| Ordering data | Type | Qty. | Order No. |
|---------------|---------------|------|------------|
| | ZVLA1 ZPS 2.5 | 20 | 1866250000 |

| Ordering data | Type | Qty. | Order No. |
|---------------|------------|------|------------|
| | ZVR ZP 2.5 | 20 | 1816130000 |

Strain relief – 4-pole

ZZE ZP 2.5 / 4 / 8



ZP 2.5/1AN/6



| Ordering data | Type | Qty. | Order No. |
|---------------|-----------------------|------|------------|
| | ZZE ZP 2.5 – 1-pole | 25 | 1816140000 |
| | ZZE ZP 2.5/4 – 4-pole | 25 | 1866220000 |
| | ZZE ZP 2.5/8 – 8-pole | 25 | 1866230000 |

| Ordering data | Type | Qty. | Order No. |
|---------------|--------------|------|------------|
| | ZP 2.5/1AN/6 | 25 | 1815520000 |

Side-fitting locking element

ZVR ZPS 2.5



ZPS 2.5/1AN/QV 6



| Ordering data | Type | Qty. | Order No. |
|---------------|-------------|------|------------|
| | ZVR ZPS 2.5 | 20 | 1878620000 |

| Ordering data | Type | Qty. | Order No. |
|---------------|------------------|------|------------|
| | ZPS 2.5/1AN/QV 6 | 25 | 1865940000 |

Accessories – WeiCoS pluggable modular terminals

Mounting set – coupling

The new options

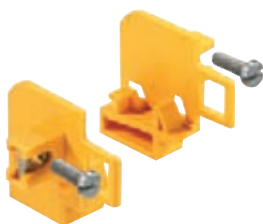
Although a separate coupling is very useful (enabling a connection to be disconnected at any point), users not always want them to be quite so readily separable.

Therefore, we have devised the following fixing variations for separate couplings:

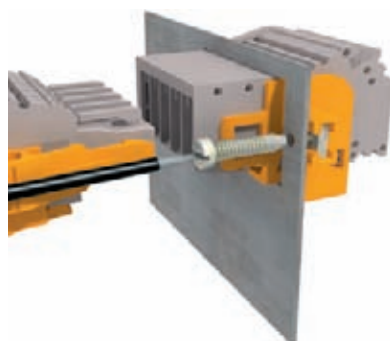
- Screws for fixing to a mounting plate or enclosure wall.
- Clips for fixing to a mounting plate or enclosure wall (in this version every pole can be provided with a clip if required).
- Clips for direct fixing to a terminal rail (TS 15 or TS 35).

And the special highlight is that coupling blocks can be supplied already fitted with the fixings you require. See page D.90 for details of pre-assembled coupling blocks.

Screwed through-wall fixing



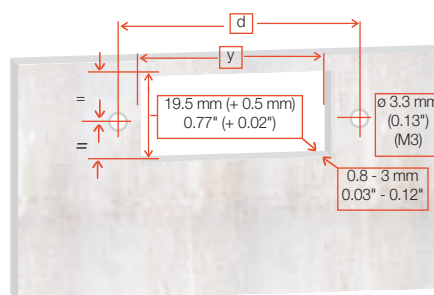
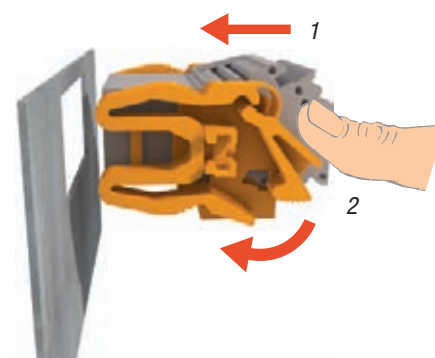
| Type | Qty. | Order No. |
|----------------|------|------------|
| ZVLA DF ZPS2.5 | 20 | 1878600000 |



Clipped through-wall fixing

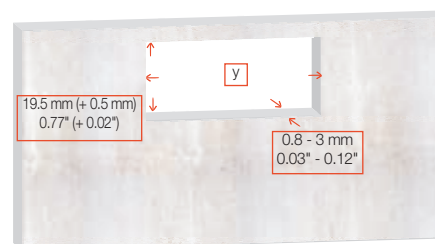


| Type | Qty. | Order No. |
|-------------------|------|------------|
| ZVLA DF CL ZPS2.5 | 20 | 1878610000 |



$$y = n \times 5.1 \text{ mm} + 5.5 \text{ mm} \quad y = n \times 0.25" + 0.216"$$

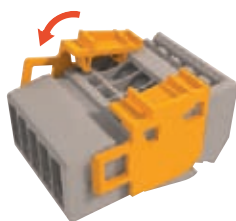
$$d = n \times 5.1 \text{ mm} + 13.5 \text{ mm} \quad d = n \times 0.25" + 0.53"$$



$$y = n \times 5.1 \text{ mm} + 17.5 \text{ mm}$$

$$y = n \times 0.25" + 0.69"$$

WeiCoS



Plug-in connector system with an infinite number of combinations – but always with the same fitting method.

| n-pole | y | | d | |
|---------|------|---------|------|---------|
| | mm | inch(") | mm | inch(") |
| 2-pole | 15.7 | 0.62 | 23.7 | 0.93 |
| 3-pole | 20.8 | 0.82 | 28.8 | 1.13 |
| 4-pole | 25.9 | 1.02 | 33.9 | 1.33 |
| 5-pole | 31.0 | 1.22 | 38.9 | 1.53 |
| 6-pole | 36.1 | 1.42 | 44.1 | 1.74 |
| 7-pole | 41.2 | 1.62 | 49.2 | 1.94 |
| 8-pole | 46.3 | 1.82 | 54.3 | 2.14 |
| 9-pole | 51.4 | 2.02 | 59.4 | 2.34 |
| 10-pole | 56.5 | 2.22 | 64.5 | 2.55 |
| 11-pole | 61.6 | 2.43 | 69.6 | 2.74 |
| 12-pole | 66.7 | 2.63 | 74.7 | 2.94 |
| 13-pole | 71.8 | 2.83 | 79.8 | 3.14 |
| 14-pole | 76.9 | 3.03 | 84.9 | 3.34 |
| 15-pole | 82.0 | 3.23 | 90.0 | 3.54 |
| 16-pole | 87.1 | 3.43 | 95.1 | 3.74 |

| n-pole | y | |
|---------|------|---------|
| | mm | inch(") |
| 2-pole | 27.7 | 1.09 |
| 3-pole | 32.8 | 1.29 |
| 4-pole | 37.9 | 1.49 |
| 5-pole | 43.0 | 1.69 |
| 6-pole | 48.1 | 1.89 |
| 7-pole | 53.2 | 2.09 |
| 8-pole | 58.3 | 2.29 |
| 9-pole | 63.4 | 2.49 |
| 10-pole | 68.5 | 2.69 |
| 11-pole | 73.6 | 2.90 |
| 12-pole | 78.7 | 3.10 |
| 13-pole | 83.8 | 3.30 |
| 14-pole | 88.9 | 3.50 |
| 15-pole | 94.0 | 3.70 |
| 16-pole | 99.1 | 3.90 |

Direct mounting – screwed



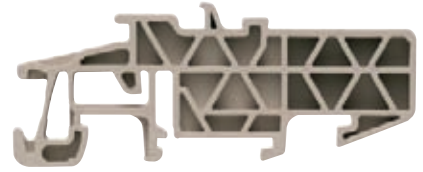
| Type | Qty. | Order No. |
|-----------------|------|------------|
| ZVLA SC ZPS 2.5 | 20 | 1866240000 |

Direct mounting – clipped



| Type | Qty. | Order No. |
|-----------------|------|------------|
| ZVLA RC ZPS 2.5 | 20 | 1866260000 |

on terminal rail



| Type | Qty. | Order No. |
|--------------------|------|------------|
| MOFU 15/35 ZPS 2.5 | 25 | 1899170000 |



| Type | Qty. | Order No. |
|---------------|------|------------|
| BA RC ZPS 2.5 | 100 | 1908560000 |

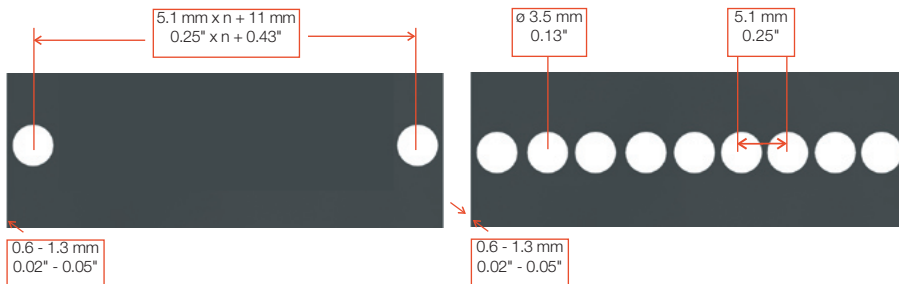
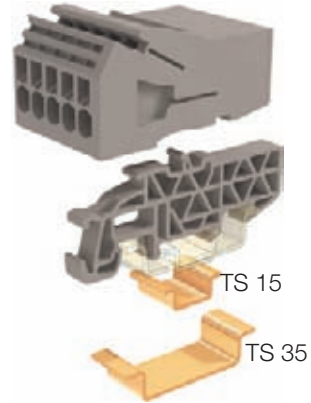


Plug support prevents buckling of the connection

| Type | Qty. | Order No. |
|------------|------|------------|
| BA ZPS 2.5 | 100 | 1908550000 |

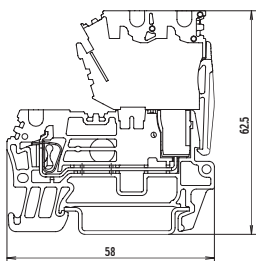
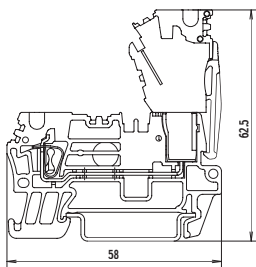
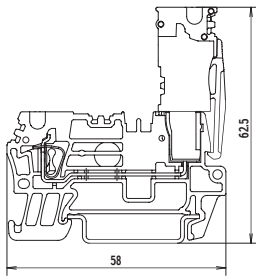
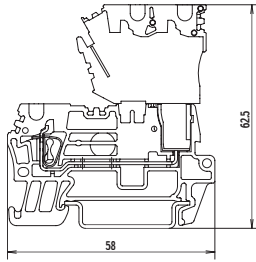
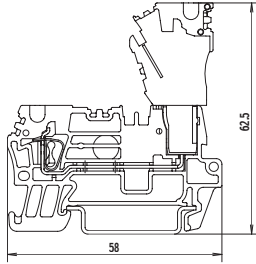
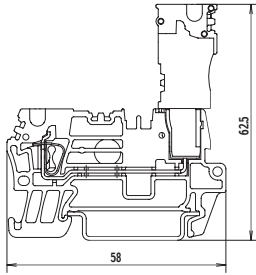
Plug support prevents buckling of the connection

| Type | Qty. | Order No. |
|------------|------|------------|
| BA ZPS 2.5 | 100 | 1908550000 |

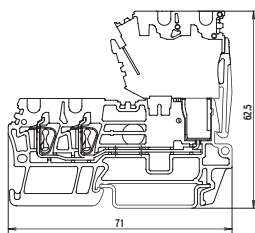
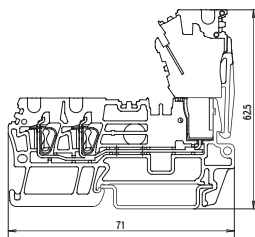
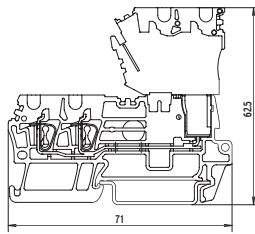
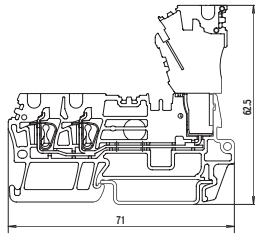


Accessories – WeiCoS – Plug-in combinations

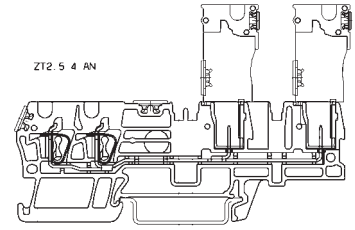
ZT 2.5/2AN/1



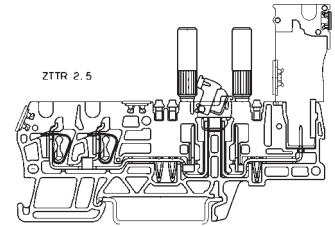
ZT 2.5/3AN/1



ZTTR 2.5/3AN/1



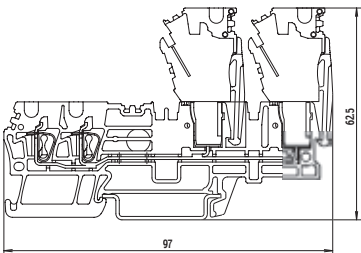
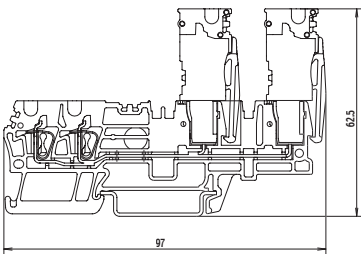
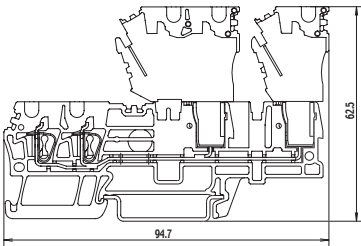
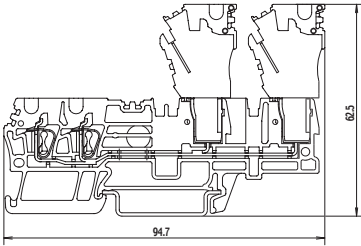
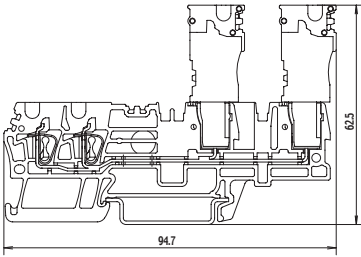
ZT2.5 4 AN



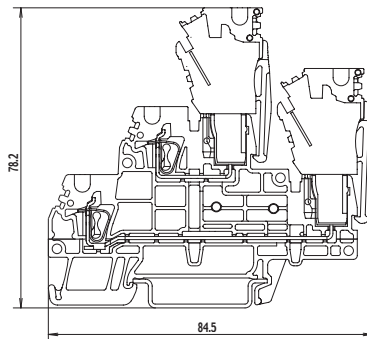
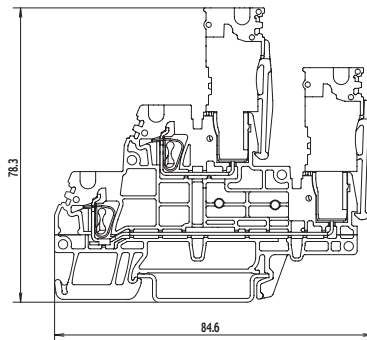
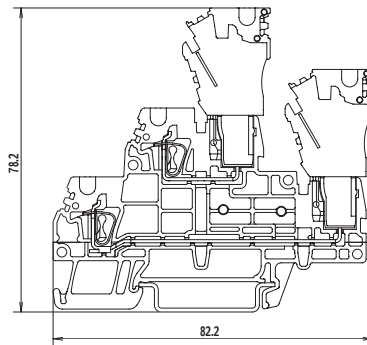
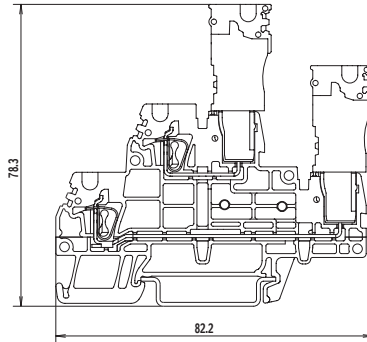
ZTTR 2.5

A connector alignment:
the ZTTR can be combined with ZTPE 2.5.

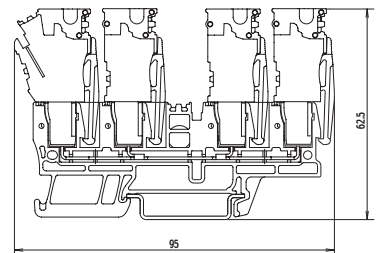
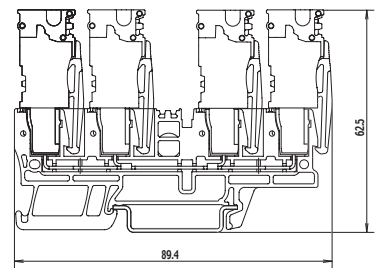
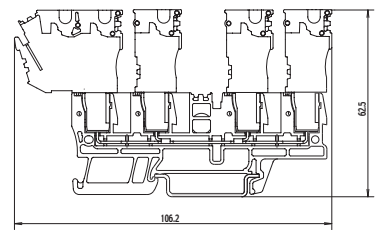
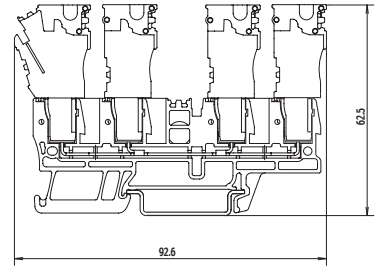
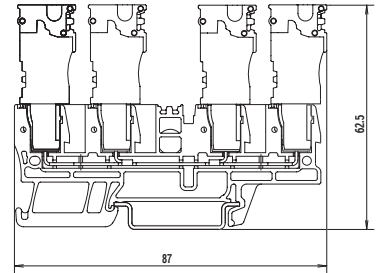
ZT 2.5/4AN/2



ZTD 2.5/2



ZT 2.5/4AN/4



Accessories - Testing / checking

Test adapter

The clip-on test adapter ZTA is used as a single thin element and as a test adapter strip for measurements in electrical cabinets. Conductors with cross-sections from 0.5 mm² to 1.5 mm² can be connected. The test adapter simply clips onto the terminal and thus guarantees reliable contact with the live busbar.

| Dimensions | |
|----------------------------------|-------------------|
| Width / Length / Height | mm |
| Stripping length | mm |
| Rated data | |
| Rated voltage | V |
| Rated current | A |
| Rated cross-section | mm ² |
| Clamped conductors (H05V/H07V) | |
| solid / stranded | mm |
| flexible / Flexible with ferrule | |
| Ordering data | |
| | 1-pole |
| | With snap-in pegs |

ZTA 1

For terminal width 5.1 mm



| Width / Length / Height | mm | 5.1 / 31.5 / 99.10 |
|----------------------------------|-----------------|-----------------------|
| Stripping length | mm | 6 |
| Rated data | | |
| Rated voltage | V | 250 |
| Rated current | A | 9 |
| Rated cross-section | mm ² | 1.5 |
| Clamped conductors (H05V/H07V) | | |
| solid / stranded | mm | 0.5...1.5 |
| flexible / Flexible with ferrule | | 0.5...1.5 / 0.5...1.5 |
| Ordering data | | |
| Type | Qty | Order No. |
| ZTA 1 | 25 | 1609040000 |
| ZTA 1/ZA | 25 | 1609050000 |
| For terminal: | | |
| ZDU 2.5 ... | | |
| ZTR 2.5 ... | | |
| ZSI 2.5 ... | | |
| ZSI 2.5/2 | | |

ZTA 2

For terminal width 6.1 mm



| Width / Length / Height | mm | 6.1 / 31.5 / 103.50 |
|----------------------------------|-----------------|-----------------------|
| Stripping length | mm | 6 |
| Rated data | | |
| Rated voltage | V | 250 |
| Rated current | A | 9 |
| Rated cross-section | mm ² | 1.5 |
| Clamped conductors (H05V/H07V) | | |
| solid / stranded | mm | 0.5...1.5 |
| flexible / Flexible with ferrule | | 0.5...1.5 / 0.5...1.5 |
| Ordering data | | |
| Type | Qty | Order No. |
| ZTA 2 ZDU4 | 25 | 1609060000 |
| ZTA 2/ZA ZDU4 | 25 | 1609070000 |
| For terminal: | | |
| ZDU 4 ... | | |

ZTA 3

For terminal width 8.1 mm



| Width / Length / Height | mm | 8.1 / 31.5 / 105.50 |
|----------------------------------|-----------------|-----------------------|
| Stripping length | mm | 6 |
| Rated data | | |
| Rated voltage | V | 250 |
| Rated current | A | 9 |
| Rated cross-section | mm ² | 1.5 |
| Clamped conductors (H05V/H07V) | | |
| solid / stranded | mm | 0.5...1.5 |
| flexible / Flexible with ferrule | | 0.5...1.5 / 0.5...1.5 |
| Ordering data | | |
| Type | Qty | Order No. |
| ZTA 3 ZDU6 | 25 | 1654050000 |
| For terminal: | | |
| ZDU 6 ... | | |

Test adapter

The clip-on test adapter ZTA is used as a single thin element and as a test adapter strip for measurements in electrical cabinets. Conductors with cross-sections from 0.5 mm² to 1.5 mm² can be connected. The test adapter simply clips onto the terminal and thus guarantees reliable contact with the live busbar.

| Dimensions | |
|----------------------------------|-------------------|
| Width / Length / Height | mm |
| Stripping length | mm |
| Rated data | |
| Rated voltage | V |
| Rated current | A |
| Rated cross-section | mm ² |
| Clamped conductors (H05V/H07V) | |
| solid / stranded | mm |
| flexible / Flexible with ferrule | |
| Ordering data | |
| | 1-pole |
| | With snap-in pegs |

ZTA 6

For terminal width 6.1 mm



| Width / Length / Height | mm | 6.1 / 31.5 / 73.50 |
|----------------------------------|-----------------|------------------------|
| Stripping length | mm | 6 |
| Rated data | | |
| Rated voltage | V | 250 |
| Rated current | A | 17.5 |
| Rated cross-section | mm ² | 1.5 |
| Clamped conductors (H05V/H07V) | | |
| solid / stranded | mm | 0.5...1.5 |
| flexible / Flexible with ferrule | | 0.75...1.5 / 0.5...1.5 |
| Ordering data | | |
| Type | Qty | Order No. |
| ZTA 6/ZA | 25 | 1780660000 |
| For terminal: | | |
| ZDU 4-2 ... | | |

ZTA 7

For terminal width 8.1 mm



| Width / Length / Height | mm | 8.1 / 31.5 / 73.50 |
|----------------------------------|-----------------|-----------------------|
| Stripping length | mm | 6 |
| Rated data | | |
| Rated voltage | V | 250 |
| Rated current | A | 9 |
| Rated cross-section | mm ² | 1.5 |
| Clamped conductors (H05V/H07V) | | |
| solid / stranded | mm | 0.5...1.5 |
| flexible / Flexible with ferrule | | 0.5...1.5 / 0.5...1.5 |
| Ordering data | | |
| Type | Qty | Order No. |
| ZTA 7/ZA | 25 | 1780670000 |
| For terminal: | | |
| ZDU 6-2 ... | | |

ZTA ZT2.5

For terminal width 5.1 mm



| Width / Length / Height | mm | 5.1 / 20 / 50.50 |
|----------------------------------|-----------------|-----------------------|
| Stripping length | mm | 10 |
| Rated data | | |
| Rated voltage | V | 250 |
| Rated current | A | 17.5 |
| Rated cross-section | mm ² | 1.5 |
| Clamped conductors (H05V/H07V) | | |
| solid / stranded | mm | 0.5...1.5 |
| flexible / Flexible with ferrule | | 0.5...1.5 / 0.5...1.5 |
| Ordering data | | |
| Type | Qty | Order No. |
| ZTA ZT2.5 | 25 | 1827080000 |
| ZTA ZT2.5/ZA | 25 | 1847600000 |
| For terminal: | | |

ZTA 4

For terminal width 5.1 mm



| | |
|-----------------------|-------|
| 5.1 / 31 / | 69.00 |
| 10 | |
| 250 | |
| 11 | |
| 1.5 | |
| 0.5...1.5 | |
| 0.5...1.5 / 0.5...1.5 | |

| Type | Qty | Order No. |
|-------|-----|------------|
| ZTA 4 | 25 | 1688110000 |

For terminal:
ZDK 2.5 ...
ZTR 2.5/4 AN ...

ZTA 5

For terminal width 3.5 mm



| | |
|-------------------|-------|
| 3.5 / 20 / | 54.00 |
| 10 | |
| 200 | |
| 13.5 | |
| 1 | |
| 0.5...1 | |
| 0.5...1 / 0.5...1 | |

| Type | Qty | Order No. |
|----------|-----|------------|
| ZTA 5 | 25 | 1776210000 |
| ZTA 5/ZA | 25 | 1776220000 |

For terminal:
ZDU 1.5 ...
ZDK 1.5 ...

Test plug

The test points for the PS 2.3 and PS 2.0 test plugs are available for most Z-Series terminals. Quick measurements can be made by inserting the test plug into the opening provided.

| | |
|-----------------------|-----------|
| Technical data | |
| current / current | - |
| Ordering data | Test plug |

PS

Plug diameter 2.0 mm



| Type | Qty | Order No. |
|-----------|-----|------------|
| PS 2.0 OR | 20 | 0293800000 |

For terminal:
ZDU/ZPE 2.5/...
ZDU/ZPE 4/...
ZDU/ZPE 6/3 AN
ZDU/ZPE 10/...
ZDU/ZPE 16/...
ZDU/ZPE 35
ZEI 16
ZTR 2.5/...
ZTR 2.5 .../D
ZDTR 2.5
ZTR 2.5/SI
ZDL 2.5/SI ...
ZTRR 2.5/2AN/1

PS 2.3 RT

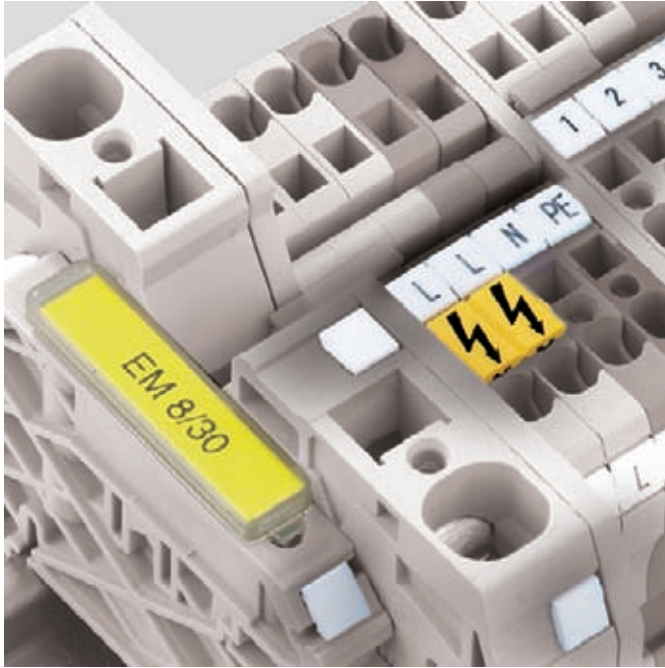
Plug diameter 2.3 mm



| Type | Qty | Order No. |
|-----------|-----|------------|
| PS 2.3 RT | 20 | 0180400000 |

For terminal:
ZDU/ZPE 2.5/...
ZDU/ZPE 4/...
ZDU/ZPE 10/...
ZDU/ZPE 18/...
ZDU/ZPE 35
ZDU/ZPE 4-2
ZDU/ZPE 6-2
ZTR 2.5...
ZTR 2.5.../D
ZDTR 2.5
ZTR 2.5/SI
ZDL 2.5/SI...
ZTRR 2.5/2AN/1

Cover



The VDE standards call for power connection terminals to be covered.

For this purpose, Weidmüller can supply yellow warning **ZAD** covers with the „lightning flash“ symbol.

The cover is clipped into the screwdriver slit in the terminal and each one covers a group of four terminals.

Tool

The fully-insulated **ZBW1** to **ZBW6** and ZBWW tools are used for opening 1.5 mm² and 2.5 mm² terminal points. They can be used to simultaneously open multiple terminal points.

The ZBWW tools, with its angled bit, makes it possible conveniently connect terminals in a confined space.

The plastic tools increase safety when working on facilities during operation.

Cover

| Type | Colour | Qty | Order No. | For terminal: |
|--------------|--------|-----|------------|---|
| Width | | | | |
| ZAD 7/4 | | 20 | 1781940000 | ZDK 1.5 ZDK 1.5 BL ZDK 1.5DU-PE ZDK 1.5V ZDK 1.5V BL ZDU 1.5 ZDU 1.5 2X2AN ZDU 1.5 2X2AN BL ZDU 1.5 BL ZDU 1.5/3 AN ZDU 1.5/3 AN/BL ZDU 1.5/4 AN ZDU 1.5/4 AN/BL ZDU 2.5/2X2AN/D+ ZDU 2.5/2X2AN/D- ZEI 16 ZEI 16 BL |
| Width | | | | |
| ZAD 1/4 | | 20 | 1609110000 | ZDK 4-2 ZDU 2.5 BL ZDU 2.5/2X2AN ZDU 2.5/2X2AN BL ZDU 2.5/2X2AN/D+ ZDU 2.5/2X2AN/D- ZDU 2.5/2X2AN/LD+ ZDU 2.5/2X2AN/LD- ZDU 2.5/3AN ZDU 2.5/3AN BL ZDU 2.5/4AN ZDK 4-2 BL ZDU 2.5/4AN BL ZDU 4-2/2AN ZDU 4-2/2AN BL ZDU 4-2/3AN ZDU 4-2/3AN BL ZDU 4-2/3AN LSC ZDU 4-2/4AN ZDU 4-2/4AN BL ZDUA 2.5-2N ZDUA 2.5-2N BL ZDK 4-2 PE ZEI 16 ZEI 16 BL ZPE 4-2/4AN ZPEA 2.5-2N ZSI 2.5-2/2X2AN/G20 ZSI 2.5-2/2X2AN/G20/LD1 ZSI 2.5-2/2X2AN/G20/LD2 ZSI 6-2 2X2.5/G20 ZSI 6-2 2X2.5/G20/LD1 ZSI 6-2 2X2.5/G20/LD2 ZDK 4-2 V ZSI 6-2 2X2.5/G20/LD3 ZSI 6-2 2X2.5/G20/LD4 ZTR 2.5/4AN ZTR 2.5/4AN BL ZTR 2.5/4AN/O TNHE ZDK 4-2/D forward ZDK 4-2/D reverse ZDK 4-2/DU-PE ZDK 4-2/N/L ZDU 2.5 |

Cover

| Type Width | Colour | Qty | Order No. | For terminal: |
|---------------|--------|-----|------------|---|
| ZAD 1/4-2 GE | | 20 | 1764560000 | ZDK 2.5-2 ZDK 2.5-2 BL ZDK 2.5-2 PE ZDK 2.5V ZDK 2.5V BL ZDKPE 2.5-2 ZDKPE 2.5-2/N/L/PE ZDU 2.5-2 ZDU 2.5-2 BL ZDU 2.5-2/3AN ZDU 2.5-2/3AN BL ZDU 2.5-2/4AN ZDU 2.5-2/4AN BL ZDU 2.5/2X2AN/D+ ZDU 2.5/2X2AN/D- ZEI 16 ZEI 16 BL ZTR 2.5-2 ZTR 2.5-2 BL ZTR 2.5-2/O.TNHE |
| Width | | | | |
| ZAD 2/4 | | 20 | 1609080000 | ZDU 2.5/2X2AN/D+ ZEI 16 BL ZSI 2.5-2/2X2AN/G20 ZSI 2.5-2/2X2AN/G20/LD1 ZSI 2.5-2/2X2AN/G20/LD2 ZSI 6-2 2X2.5/G20 ZSI 6-2 2X2.5/G20/LD1 ZSI 6-2 2X2.5/G20/LD2 ZSI 6-2 2X2.5/G20/LD3 ZSI 6-2 2X2.5/G20/LD4 ZSI 6-2/FC ZDU 2.5/2X2AN/D- ZSI 6-2/FC LD ZDU 4 ZDU 4 BL ZDU 4/3AN ZDU 4/3AN BL ZDU 4/4AN ZDU 4/4AN BL ZEI 16 |
| Width | | | | |
| ZAD 3/4 | | 20 | 1609120000 | ZDU 2.5/2X2AN/D+ ZDU 2.5/2X2AN/D- ZDU 6 ZDU 6 BL ZDU 6/3AN ZDU 6/3AN BL ZEI 16 ZEI 16 BL ZEI 6 |
| Width | | | | |
| ZAD 4/5 | | 20 | 1746730000 | ZDU 10 ZDU 10 BL ZDU 10/3AN ZDU 10/3AN BL ZDU 2.5/2X2AN/D+ ZDU 2.5/2X2AN/D- ZEI 16 ZEI 16 BL |
| Width | | | | |
| ZAD 5/5 | | 20 | 1745210000 | ZDU 16 ZEI 16-2/1AN BL ZDU 16 BL ZDU 16/3AN ZDU 16/3AN BL ZDU 2.5/2X2AN/D+ ZDU 2.5/2X2AN/D- ZEI 16 ZEI 16 BL ZEI 16-2/1AN |

Cover

| Type Width | Colour | Qty | Order No. | For terminal: |
|---------------|--------|-----|------------|--|
| ZAD 6/5 | | 20 | 1752620000 | ZDU 2.5/2X2AN/D+ ZDU 2.5/2X2AN/D- ZDU 35 ZDU 35 BL ZEI 16 ZEI 16 BL |

Operating tool

| Type Width | Colour | Qty | Order No. | For terminal: |
|---------------|--------|-----|------------|---|
| ZBW 1/3.5 | | 1 | 1781930000 | ZDK 1.5DU-PE ZDK 2.5-2 ZDK 2.5-2 BL ZDK 2.5-2 PE ZDK 2.5V ZDK 2.5V BL ZDKPE 2.5-2 ZDKPE 2.5-2/N/L/PE |
| Width | | | | |
| ZBW 1 | | 1 | 1669620000 | ZDK 2.5-2 |
| ZBW 2 | | 1 | 1650670000 | ZDK 2.5-2 BL |
| ZBW 3 | | 1 | 1650680000 | ZDK 2.5-2 PE |
| ZBW 4 | | 1 | 1650690000 | ZDK 2.5V |
| ZBW-6 | | 1 | 1650700000 | ZDK 2.5V BL |
| ZBWW | | 1 | 1669630000 | ZDKPE 2.5-2 ZDKPE 2.5-2/N/L/PE |

Accessories - Other functions

Reducing sleeves

The use of reducing sleeves simplifies the connection of conductors with smaller cross-sections. Conductors can be reliably inserted into the clamping point without the strands fraying. The use of a reducing sleeve centres the conductor in the entry point. Packaged in sets of 100 x 10-pole strips

| Technical data | | |
|----------------|--|--|
| Product type | | |
| Ordering data | | |
| | 0,13...0,2 mm ² , white | |
| | 0,25...0,5 mm ² , grey | |
| | 0,75...1,0 mm ² , dark grey | |

ZRH 1.5 S



| Reducing sleeve | | | |
|-----------------|-----|------------|--|
| Type | Qty | Order No. | |
| ZRH 1.5S/1 | 500 | 1781950000 | |
| ZRH 1.5S/2 | 500 | 1781960000 | |
| For terminal: | | | |
| ZDU 1.5/... | | | |
| ZPE 1.5/... | | | |

ZRH 1.5 H



| Reducing sleeve | | | |
|-----------------|---------------|------------|--|
| Type | Qty | Order No. | |
| ZRH 1.5H/1 | 1000 | 1678810000 | |
| ZRH 1.5H/2 | 1000 | 1678800000 | |
| For terminal: | | | |
| ZDK 2.5... | ZDLD 2.5-2... | | |
| ZDK 2.5 PE | ZDU 2.5-2/... | | |
| ZDTR 2.5 | ZPE 2.5-2/... | | |
| | ZTR 2.5-2... | | |

ZRH 1.5N



| Reducing sleeve | | | |
|-------------------|------|------------|--|
| Type | Qty | Order No. | |
| ZRH 1.5N/1 | 1000 | 1632140000 | |
| ZRH 1.5N/2 | 1000 | 1632130000 | |
| ZRH 1.5N/3 | 1000 | 1632120000 | |
| For terminal: | | | |
| ZRV 1.5 | | | |
| ZRV 1.5 PEZVL 1.5 | | | |
| ZIA 1.5/3 L ... | | | |
| ZIA 1.5/4 L ... | | | |

ZRH 2.5



| Reducing sleeve | | | |
|-----------------|------|------------|--|
| Type | Qty | Order No. | |
| ZRH 2.5/1 WS | 1000 | 1614300000 | |
| ZRH 2.5/2 GR/V0 | 1000 | 1614290000 | |
| ZRH 2.5/3 | 1000 | 1614280000 | |
| For terminal: | | | |
| ZDU 2.5/... | | | |
| ZTR 2.5/... | | | |

ZRH 4



| Reducing sleeve | | | |
|-----------------|------|------------|--|
| Type | Qty | Order No. | |
| ZRH 4/1 WS | 1000 | 1636640000 | |
| ZRH 4/2 | 1000 | 1636650000 | |
| ZRH 4/3 | 1000 | 1636660000 | |
| For terminal: | | | |
| ZDU 4/... | | | |
| ZPE 4/... | | | |

Label

The **BZT** marking tags enable you to label the middle of the marking channel with the **WS 10/5** tags. The marking tags can be put together with pins in order to achieve the greatest degree of stability.

| Technical data | |
|----------------|------------------------|
| Product type | |
| Ordering data | |
| | One-sided, without peg |
| | One-sided, with peg |
| | Two-sided without pin |
| | Two-sided, with pin |

BZT 1/BZT 2



| Marker holder | | | |
|------------------|-----|------------|--|
| Type | Qty | Order No. | |
| BZT 1 WS 10/5 | 100 | 1805490000 | |
| BZT 1 ZA WS 10/5 | 100 | 1805520000 | |
| BZT 2 WS 10/5 | 100 | 1805480000 | |
| BZT 2 ZA WS 10/5 | 100 | 1805530000 | |
| For terminal: | | | |
| ZDU 2.5/... | | | |
| ZDU 4/... | | | |
| ZDU 6/... | | | |
| ZDU A 2.5/... | | | |

Additional connection

The contact element is placed in the cross-section channel and the latch clip in the screwdriver channel. It should then be pressed down until the end stop. The pitch spacing is 6 mm. Therefore only every other terminal can be occupied.

ZZA 2.5



| Dimensions | |
|-------------------------|-----------------|
| Width / Length / Height | mm |
| Stripping length | mm |
| Rated data | |
| Rated voltage | V |
| Rated current | A |
| Rated cross-section | mm ² |
| Rated impulse voltage | kV |
| Pollution severity | |
| Ordering data | |
| With snap-in pegs | |

| 6.1 / 21 / (50) | | |
|-----------------|-----|------------|
| 400 | | |
| 17.5 | | |
| 2.5 | | |
| 6 | | |
| 3 | | |
| Type | Qty | Order No. |
| ZZA 2.5/ZA | 50 | 1649350000 |
| ZZA 2.5 | 50 | 1646690000 |
| For terminal: | | |
| ZDU 2.5 | | |
| ZDU 2.5/3 AN | | |
| ZDU 2.5/4 AN | | |
| ZTR 2.5 | | |
| ZTR 2.5/3 AN | | |

Component plug

The component plug is used for fitting electronic components. If needed, the BZS 1 can be snapped on to the upper or lower cross-connection channel on the ZDK 2.5 tension-clamp terminals.

ZBS



| Dimensions | |
|-------------------------|----|
| Width / Length / Height | mm |
| Stripping length | mm |
| Rated data | |
| Rated voltage | V |
| Rated voltage with LED | |
| Rated current | A |
| Rated current with LED | |
| Rated impulse voltage | kV |
| Pollution severity | |
| Ordering data | |
| For holding 2 LEDs | |

| 10 / 22.3 / 48 | | |
|----------------|-----|------------|
| 250 | | |
| 30 V | | |
| 6 | | |
| 1 A | | |
| 4 | | |
| 3 | | |
| Type | Qty | Order No. |
| ZBS1 SET | 10 | 1764540000 |
| ZBS1 F.D SET | 10 | 1764550000 |
| For terminal: | | |
| ZDK 2.5 | | |

Busbar holder

The ZST group carrier is used for temporary „parking“ of test plugs, cross-connections and fuses which are used during service work. The group carrier can be snapped on to the end of a terminal strip or to the TS 35 rail.

ZST



| Dimensions | |
|-------------------------|----|
| Width / Length / Height | mm |
| Ordering data | |

| 10 / 61.1 / 27.5 | | |
|------------------|-----|------------|
| Type | Qty | Order No. |
| ZST | 10 | 1678680000 |
| For terminal: | | |

Shield conductor

The shielding braid from the stripped control cables is soldered to the ZDUS or crimped on with 2.8 x 0.8 mm cable-lug sleeves. The ZDUS can be installed along side of the ZDU 2.5, ZDU 2.5/3 AN, ZDU 4, ZDU 6 and ZTR 2.5.

ZDUS

Shield conductor - connection terminals



| Dimensions | |
|-------------------------|----|
| Width / Length / Height | mm |
| Ordering data | |

| 4.8 / 83.5 / 33.5 | | |
|-------------------|-----|------------|
| Type | Qty | Order No. |
| ZDUS | 20 | 1676640000 |
| For terminal: | | |

Accessories – other functions

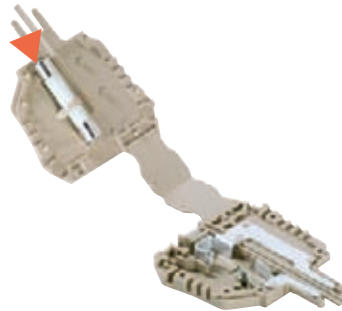
SIHA fuse holder



1. Open fuse holder with fingers or screwdriver



2. Press out old fuse



3. Position new fuse



4. Press fuse holder together again.

D

For 5 x 20 G-fuse cartridges

The SIHA fuse holder converts a simple disconnect terminal into a fuse terminal in next to no time.

Simply remove the isolating lever and insert the fuse plug.

- Simple handling – no tools required
- Housing made of Wemid (V0)
- Rated current 6.3 A
- 1.6 W power loss to DIN VDE 0611-6 at 23 °C ambient temperature (also for 1.5 times rated current – composite arrangement)

- Even fits on 5 mm wide terminals when fitted in offset arrangement



- Marking position for Dekafix 5 and space for the E-Fix self-adhesive label, size 8/20



SIHA 3



| | Qty. | Order No. |
|------------------|---------------|-------------------|
| without LED | | |
| SIHA3/G20 | 400 V 1 | 7921560000 |
| with LED (red) | | |
| SIHA3/G20 | 10 - 36 V 1 | 7921570000 |
| | 35 - 70 V 1 | 7921580000 |
| | 60 - 150 V 1 | 7921590000 |
| | 140 - 250 V 1 | 7921600000 |

| For test-disconnect terminals versions | |
|--|--|
| ZTR 2.5/4 AN | |
| ZTR 2.5... | |
| ZTR 2.5-2 | |

SIHA STRAP



| | Qty. | Order No. |
|-------------------|------|-------------------|
| with strap | | |
| SIHA STRAP | 20 | 9537680000 |

- Connector for "retro-fit" assembly
- Receptacle in the terminal is the marking position
 - Integrated marking position on the strap
 - Slots into fuse holder either on the left or on the right

Cartridge fuses and gauge pieces for Weidmüller fuse terminals

Cartridge fuses

| For terminal type |
|-------------------------|
| ZSI 2.5 |
| ZSI 6-2 2 x 2.5/G20... |
| ZSI 2.5 2 x 2 AN/G20... |



| |
|-------------------------|
| ZSI 2.5/ 5 x 25 |
| ZSI 6-2 2 x 2.5/G25... |
| ZSI 2.5 2 x 2 AN/G25... |



| |
|-----------|
| ZSI 2.5/2 |
|-----------|



Technical data / Ordering data

| G-type cartridge fuses 5 x 20 without indicators to IEC 60127-2 (VDE 0820 pt.2 BI ¹⁾) | | | | | |
|---|------------------|------|--------------|------|------------|
| Size (mm) | Nom. current (A) | Type | | Qty. | Order No. |
| 5 x 20 | 0.1 | (F) | G 20/0.10A/F | 10 | 0430300000 |
| | 0.2 | (F) | G 20/0.20A/F | 10 | 0430400000 |
| breaking capacity 1500 A | 0.25 | (F) | G 20/0.25A/F | 10 | 0430500000 |
| (at 250 V, 50 Hz, cos φ 0,7) | 0.5 | (F) | G 20/0.50A/F | 10 | 0430600000 |
| | 0.63 | (F) | G 20/0.63A/F | 10 | 0439000000 |
| | 1.0 | (F) | G 20/1.00A/F | 10 | 0430700000 |
| | 1.6 | (F) | G 20/1.60A/F | 10 | 0430800000 |
| | 2.0 | (F) | G 20/2.00A/F | 10 | 0430900000 |
| | 2.5 | (F) | G 20/2.50A/F | 10 | 0431000000 |
| | 3.15 | (F) | G 20/3.15A/F | 10 | 0431100000 |
| | 4.0 | (F) | G 20/4.00A/F | 10 | 0431200000 |
| | 5.0 | (F) | G 20/5.00A/F | 10 | 0431300000 |
| | 6.3 | (F) | G 20/6.30A/F | 10 | 0431400000 |

(M) = medium-blow (F) = fast-blow

| G-type cartridge fuses 5 x 25 with indicators to DIN 41576 ¹⁾) | | | | | |
|--|------------------|-------------------|--------------|------|------------|
| Size (mm) | Nom. current (A) | Type | | Qty. | Order No. |
| 5 x 25 w. ind. ¹⁾ | 0.25 | (M) | G 25/0.25A/M | 10 | 0546900000 |
| breaking capacity 80 A | 0.5 | (M) | G 25/0.50A/M | 10 | 0510300000 |
| (at 250 V, 50 Hz, cos : = 1 | 0.8 | (M) | G 25/0.80A/M | 10 | 0646400000 |
| | 1 | (M) | G 25/1.00A/M | 10 | 0265800000 |
| | 10 | (M) ²⁾ | G 25/10.0A/M | 10 | 0193100000 |
| | 2 | (F) | G 25/2.00A/F | 10 | 0192700000 |
| | 4 | (F) | G 25/4.00A/F | 10 | 0192800000 |
| | 6.3 | (F) | G 25/6.30A/F | 10 | 0192900000 |

(M) = medium-blow (F) = fast-blow

| Cartridge fuses 1 1/4" x 1/4" without indicators to BS 88 | | | | | |
|---|------------------|------|-------------|------|------------|
| Size (mm) | Nom. current (A) | Type | | Qty. | Order No. |
| 333 kA break. cap., 33 kA fast-blow | 0.5 | | GZ 0.5A/F | 10 | 0533800000 |
| E 0.5 A | 1 | | GZ 1.0A/F | 10 | 0525500000 |
| E 1 A | 2 | | GZ 2.0A | 10 | 0294500000 |
| E 2 A | 3 | | GZ 3.0A | 10 | 0295700000 |
| E 3 A | 5 | | GZ 5.0A | 10 | 0294600000 |
| E 5 A | 7 | | GZ 7.0A | 10 | 0295800000 |
| E 7 A | 10 | | GZ 10.0A | 10 | 0293900000 |
| E 10 A | 12.5 | | GZ 12.5A FF | 10 | 0245400000 |

(M) = medium-blow (F) = fast-blow

Note: ¹⁾ The SIBA company also supplies G-type cartridge fuses 5 x 25 with indicators suitable for 450 V shipbuilding applications.

Accessories – other functions

Cartridge fuses and gauge pieces for Weidmüller fuse terminals

Cartridge fuses

| For terminal type |
|-------------------|
| ZS/6-2/ FC... |



Technical data / Ordering data

| Blade fuses to DIN 72581-3C | | Average | Nom. current (A) | Type | Qty. | Order No. |
|-----------------------------|-------------------|---------|-------------------|------|------------|-----------|
| Rated voltage max. (V) | voltage drop (mV) | | | | | |
| 32 | 300 | 0.5* | C 0,5 A/32 V BL | 100 | 1814720000 | |
| 32 | 130 | 1 | C 1 A/32 SW | 100 | 1814730000 | |
| 32 | 120 | 2 | C 2 A/32 V GR | 100 | 1814740000 | |
| 32 | 100 | 3 | C 3 A/32 V VI | 100 | 1814750000 | |
| 32 | 100 | 4 | C 4 A/32 V RS | 100 | 1814760000 | |
| 32 | 120 | 5 | C 5 A/32 V HBR | 100 | 1814770000 | |
| 32 | 112 | 7.5 | C 7,5 A/32 V BR | 100 | 1814780000 | |
| 32 | 85 | 10 | C 10 A/32 V RT | 100 | 1814790000 | |
| 32 | 85 | 15 | C 15 A/32 V HBL | 100 | 1814800000 | |
| 32 | 80 | 20 | C 23 A/32 V GE | 100 | 1814810000 | |
| 32 | 82 | 25 | C 25 A/32 V NA/WS | 100 | 1814820000 | |
| 32 | 77 | 30 | C 30 A/32 V HGN | 100 | 1814830000 | |
| 32 | 84 | 35* | C 35 A/32 V GN | 100 | 1814840000 | |
| 32 | 80 | 40* | C 40 A/32 V OR | 100 | 1814850000 | |

Notes:

- According to DIN 72581-3C a blade fuse may only be operated with 80 % IN as a continuous load.
- Use fuses from Weidmüller with a low power loss/voltage drop!
- Please note the derating
- Do not insert or remove a fuse when the circuit is under load.
- Max. temperature of contacts: 130 °C
- Insulating material/Flammability class: Wemid/V0

*Fuses do not comply with DIN 72581-3C

The whole system must always be considered for 35/40 A fuses.

- ¹⁾ Do not exceed the voltage range of the fuse.
- ²⁾ Continuous current through fuse: max. 80 % IN
- ³⁾ Use the largest possible conductor cross-section in order to dissipate the very high thermal losses of the fuse.

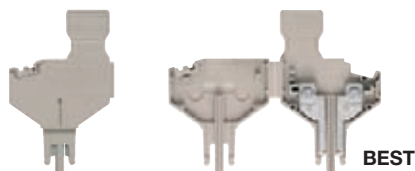
Component isolating plugs

The Weidmüller philosophy is to realise a multitude of applications with just a few parts. The component and isolating plugs (BEST and TNST) represent a logical extension of this cost-effective and efficient approach. The component plug can accommodate electronic components and connect them to the terminal. And once an isolating plug is removed, the clamping point is obviously disconnected. The opening is easy to recognise.

An unintentional reconnection of the circuit is prevented by simply removing the isolating plug. The BEST and the TNST have the same pin arrangement. Both plugs are also identical with the SIHA 3 fuse holder, meaning that they can be used in all the “disconnecting products” of the W-, Z-, I- and P-Series.

Component plug (up to 250 V)

can be reversed



Ordering data

| Type | Fitted with... | Qty. | Order No. |
|-----------|----------------|------|------------|
| BEST | - | 25 | 1833100000 |
| BEST/DRBR | wire jumper | 25 | 1878570000 |
| BEST/D | diode 1N4007 | 25 | 1878560000 |

for terminal type

TR 2.5...

ZTR 2.5-2

ZDL 2.5/TR

ZDL 2.5/SI

Isolating plug

Isolating plug



Ordering data

| Type | Colour | Qty. | Order No. |
|------|--------------|------|------------|
| TNST | yellow Wemid | 25 | 1833090000 |

for terminal type

ZTR 2.5...

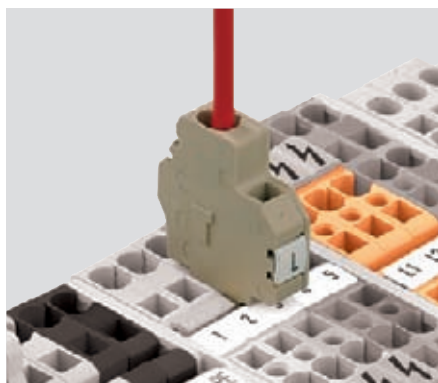
ZTR 2.5-2

ZDL 2.5/TR

ZDL 2.5/SI

Accessories – other functions and colours

Colour range



The colours listed below are available as standard. Other variants are available upon request and are subject to minimum order quantities.

D

| | | | | 1.5 mm ² |
|--------------------|--------|------|-----------|---------------------|
| | Colour | Qty. | Order No. | |
| ZDU 1.5 | | | | |
| ZDU 1.5 OR | orange | 100 | 177550000 | |
| ZDU 1.5/3AN | | | | |
| ZDU 1.5/3AN OR | orange | 100 | 177550000 | |
| ZDU 1.5/4AN | | | | |
| ZDU 1.5/4AN OR | orange | 100 | 177561000 | |

| | | | | 2.5 mm ² |
|----------------|--------------|------|------------|---------------------|
| | Colour | Qty. | Order No. | |
| ZDU 2.5 | | | | |
| ZDU 2.5 BR | brown | 100 | 1683300000 | |
| ZDU 2.5 GE | yellow | 100 | 1683270000 | |
| ZDU 2.5 GE/GN | yellow/green | 100 | 1698780000 | |
| ZDU 2.5 GN | green | 100 | 1683280000 | |
| ZDU 2.5 GR | grey | 100 | 1683310000 | |
| ZDU 2.5 OR | orange | 100 | 1636780000 | |
| ZDU 2.5 RT | red | 100 | 1683260000 | |
| ZDU 2.5 SW | black | 100 | 1683330000 | |
| ZDU 2.5 VI | violet | 100 | 1683290000 | |
| ZDU 2.5 WS | white | 100 | 1683320000 | |

| | | | | |
|--------------------|--------------|-----|------------|--|
| ZDU 2.5/3AN | | | | |
| ZDU 2.5/3AN GE | yellow | 100 | 1683350000 | |
| ZDU 2.5/3AN GE/GN | yellow/green | 100 | 1698790000 | |
| ZDU 2.5/3AN GN | green | 100 | 1683360000 | |
| ZDU 2.5/3AN GR | grey | 100 | 1683390000 | |
| ZDU 2.5/3AN OR | orange | 100 | 1636790000 | |
| ZDU 2.5/3AN RT | red | 100 | 1683340000 | |
| ZDU 2.5/3AN SW | black | 100 | 1683410000 | |
| ZDU 2.5/3AN WS | white | 100 | 1683400000 | |

| | | | | |
|--------------------|--------------|-----|------------|--|
| ZDU 2.5/4AN | | | | |
| ZDU 2.5/4AN BR | brown | 100 | 1683460000 | |
| ZDU 2.5/4AN GE | yellow | 100 | 1683430000 | |
| ZDU 2.5/4AN GE/GN | yellow/green | 100 | 1692240000 | |
| ZDU 2.5/4AN GN | green | 100 | 1683440000 | |
| ZDU 2.5/4AN GR | grey | 100 | 1683470000 | |
| ZDU 2.5/4AN OR | orange | 100 | 1636800000 | |
| ZDU 2.5/4AN RT | red | 100 | 1683420000 | |
| ZDU 2.5/4AN SW | black | 100 | 1683490000 | |
| ZDU 2.5/4AN WS | white | 100 | 1683480000 | |

| | | | | |
|----------------------|--|--|--|------------|
| ZDU 2.5 2X2AN | | | | |
| ZDU 2.5/2X2AN | | | | 1608600000 |

| | | | | |
|------------------|--------|-----|------------|--|
| ZDU 2.5-2 | | | | |
| ZDU 2.5-2 OR | orange | 100 | 1772080000 | |

| | | | | |
|----------------------|--------|-----|------------|--|
| ZDU 2.5-2/3AN | | | | |
| ZDU 2.5-2/3AN OR | orange | 100 | 1706050000 | |

| | | | | |
|----------------------|--------|-----|------------|--|
| ZDU 2.5-2/4AN | | | | |
| ZDU 2.5-2/4AN OR | orange | 100 | 1706080000 | |

| | | | | |
|----------------|--------|-----|------------|--|
| ZTR 2.5 | | | | |
| ZTR 2.5 OR | orange | 100 | 8731680000 | |

| | | | | |
|--------------------|--------|----|------------|--|
| ZTR 2.5/3AN | | | | |
| ZTR 2.5/3AN OR | orange | 50 | 8731690000 | |

| | | | | |
|--------------------|--------|-----|------------|--|
| ZTR 2.5/4AN | | | | |
| ZTR 2.5/4AN OR | orange | 100 | 7920940000 | |

| | | | | |
|------------------|--------|-----|------------|--|
| ZTR 2.5-2 | | | | |
| ZTR 2.5-2 OR | orange | 100 | 1779130000 | |

| | | | | |
|----------------|--------|----|------------|--|
| ZDK 2.5 | | | | |
| ZDK 2.5 OR | orange | 50 | 1694140000 | |

| | | | | |
|------------------|--------|----|------------|--|
| ZDK 2.5-2 | | | | |
| ZDK 2.5-2 OR | orange | 50 | 1831260000 | |

Mini terminals

| 4 mm ² | | | |
|--------------------|--------------|------|------------|
| | Colour | Qty. | Order No. |
| ZDU 4 | | | |
| ZDU 4 BR | brown | 100 | 1683620000 |
| ZDU 4 GE | yellow | 100 | 1683590000 |
| ZDU 4 GE/GN | yellow/green | 100 | 1698770000 |
| ZDU 4 GN | green | 100 | 1683600000 |
| ZDU 4 GR | grey | 100 | 1683630000 |
| ZDU 4 OR | orange | 100 | 1636830000 |
| ZDU 4 RT | red | 100 | 1683580000 |
| ZDU 4 SW | black | 100 | 1683650000 |
| ZDU 4 VI | violet | 100 | 1683610000 |
| ZDU 4 WS | white | 100 | 1683640000 |
| ZDU 4-2/2AN | | | |
| ZDU 4-2/2AN OR | orange | 100 | 1770850000 |
| ZDU 4-2/3AN | | | |
| ZDU 4-2/3AN OR | orange | 100 | 1770870000 |
| ZDU 4-2/4AN | | | |
| ZDU 4-2/4AN OR | orange | 100 | 1807000000 |

| 6 mm ² | | | |
|--------------------|--------------|------|------------|
| | Colour | Qty. | Order No. |
| ZDU 6 | | | |
| ZDU 6 GE/GN | yellow/green | 50 | 1698800000 |
| ZDU 6 OR | orange | 50 | 1636820000 |
| ZDU 6 RT | red | 50 | 1830420000 |
| ZDU 6-2/2AN | | | |
| ZDU 6-2/2AN OR | orange | 50 | 1771400000 |
| ZDU 6-2/3AN | | | |
| ZDU 6-2/3AN OR | orange | 50 | 1771430000 |

| 10 mm ² | | | |
|--------------------|--------|------|------------|
| | Colour | Qty. | Order No. |
| ZDU 10 | | | |
| ZDU 10 OR | orange | 25 | 1830610000 |

| 16 mm ² | | | |
|--------------------|--------|------|------------|
| | Colour | Qty. | Order No. |
| ZDU 16 | | | |
| ZDU 16 OR | orange | 25 | 1830680000 |

| 35 mm ² | | | |
|--------------------|--------|------|------------|
| | Colour | Qty. | Order No. |
| ZDU 35 | | | |
| ZDU 35 OR | orange | 10 | 1830760000 |

| 2.5 mm ² | | | |
|-----------------------|--------|------|------------|
| | Colour | Qty. | Order No. |
| ZDUA 2.5-2 | | | |
| ZDUA 2.5-2 OR | orange | 100 | 1720940000 |
| ZDUB 2.5-2/2AN | | | |
| ZDUB 2.5-2/2AN/DB OR | orange | 100 | 1704520000 |
| ZDUB 2.5-2/2AN/DM OR | orange | 100 | 1704370000 |
| ZDUB 2.5-2/4AN | | | |
| ZDUB 2.5-2/4AN/DM OR | orange | 100 | 1704560000 |

