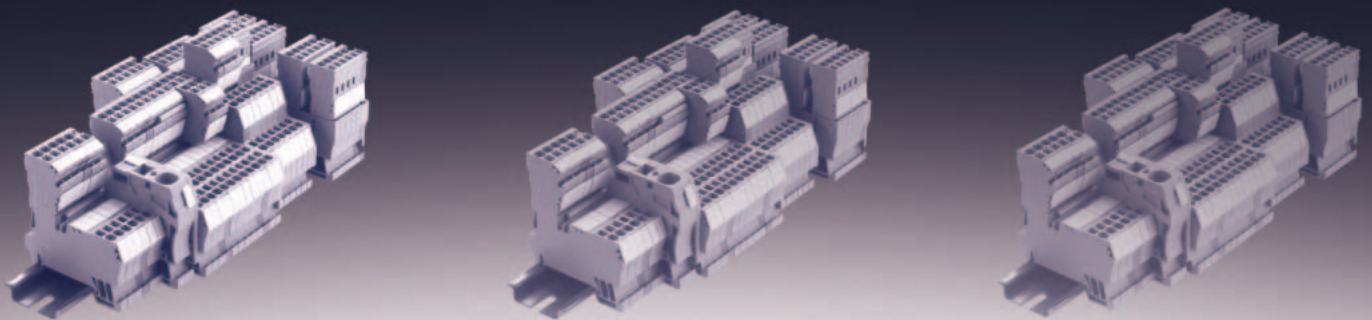


# **WeiCoS - Weidmüller Connection System**



**Pluggable Terminal Blocks with  
Tension Clamp Technology**

**Product information**

When good enough just isn't good enough

**Weidmüller** 

## WeiCoS – Maximum flexibility with low assembly costs

**Connect and disconnect the connection level without disconnecting the wire**

**The inventor of the pluggable terminal is presenting the second generation**

The task was clear. Pre-assembled functional units such as lamp and door controls, mounting plates and switchgear cabinet fields must be incorporated into the existing installation quickly and without error. Weidmüller's solution is – the separable terminal rail.

The basic principle is ingeniously simple: a terminal strip for the functional unit, a plug-in connector for the cable harness production. The two units need only be snapped together for final assembly – as easy as plugging in connectors.

Ready!

No matter what the sector: railway technology, mechanical engineering or shipbuilding – they are all home and dry with Weidmüller's Z-Series. This is because this application-oriented system is simple, safe and fast to connect, and offers trouble-free handling.

Modular and flexible connection techniques are in demand, especially where whole functional units are pre-assembled or replaced.

This is where **WeiCoS – Weidmüller Connection System** – the new generation of pluggable terminal blocks really uses its strengths to the full. We, the inventors of the pluggable terminal, placed a great deal of value on sophisticated technology.

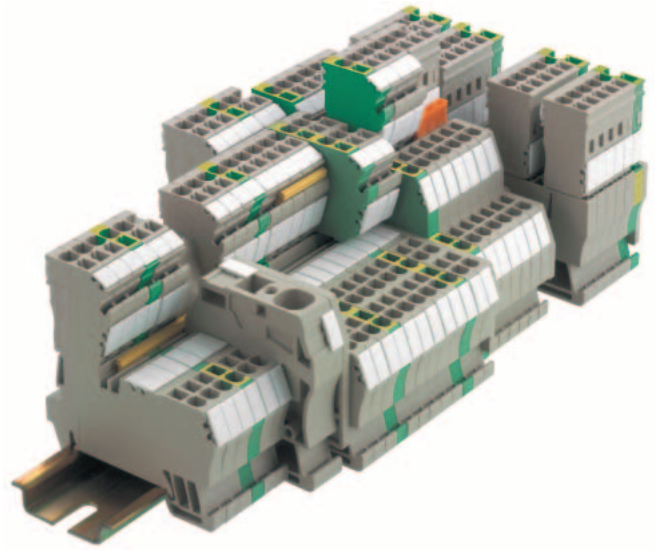
**The advantages of this technology are compelling:**

Quickly mounted, fully factory testable functional units, fast and easy to replace.

**Modular components, efficiently installed**

Modular functional units form the basic components of production systems based on a modular concept. These enable a drastic reduction of costly final assembly times as well as allowing fast replacement during servicing and maintenance.

Terminals with plug-in connectors are tailor-made for use in this field.



Railway engineering



Mechanical engineering



Marine engineering

# WeiCoS – Greatest possible flexibility with low mounting costs

## Advantages in the system

With our WeiCoS system, we have implemented the following advantages on your behalf:

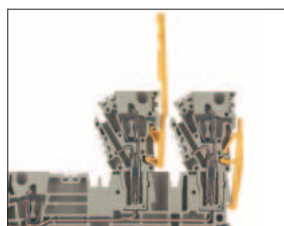
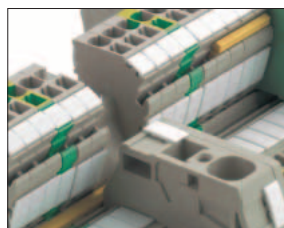
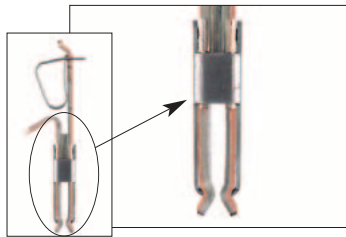
- Superior rating data
  - rated current: 24 A, WeiCoS 2.5 mm<sup>2</sup>
  - rated voltage: 500 V, WeiCoS 2.5 mm<sup>2</sup>
  - max voltage: 630 V, WeiCoS 2.5 mm<sup>2</sup>
  - rated current: 32 A, WeiCoS 4 mm<sup>2</sup>
  - rated voltage: 800 V, WeiCoS 4 mm<sup>2</sup>
- Externally tensioned contact
  - clear separation of electrical and mechanical functions
  - vibration resistant according to EN61373-2-6 and EN60068-2-6
- Large, clearly visible standard markers
- Finger safe in accordance with VDE 0106
  - prevent accidents and personal injury
- Plug-in connectors can be plugged and coded without loss of pole
  - space-saving design requires no end plate
  - no increased planning costs
- 1-pole connector
- Reliable transmission characteristics:
  - under onerous operating conditions
  - flowing single gas corrosion test to EN60512-11-14

## New

- WeiCoS 4 mm<sup>2</sup>, 32 A, 800 V
- Disconnect test terminal block for 2.5 mm<sup>2</sup>
- Flying lead assembly – flexible use

All of these performance characteristics offer you cost reduction by means of

- Pre-assembled cables for faster final assembly; thus eliminating costly wiring at the building site
- Retrospective and fast replacement of individual modules possible



## Externally tensioned contact

WeiCoS also includes the proven Weidmüller contact principle: clear separation of electrical and mechanical functions.

100 % contact is guaranteed in all applications by the calotte.

## Large, clearly visible standard markers

Even when plugged and fully wired, all markers on the terminal strips and plug-in connectors are clearly visible.

## High-quality insulating material

Wemid 120 °C, V0 in accordance with UL 94. In comparison with standard polyamides, the high continuous operating temperature increases the temperature range for your application by 20 °C.

## Safe and easy to test

Simple to use test adapters fit securely in the testing points. They contact directly with the busbar.

## Power supply

Power is supplied via standard Z-Series terminals.

## Clearly arranged and rapid cross-connections

Standard cross-connectors from the Z-Series.

## Securely interlocked

Locking elements ensure that all plug-in connectors are reliably secured to the terminal strip.

## WeiCoS – IDC terminal carrier

### Pluggable terminal blocks with IDC technology

Make use of the incredible advantages offered by IDC2 technology

**fast – safe – slim**

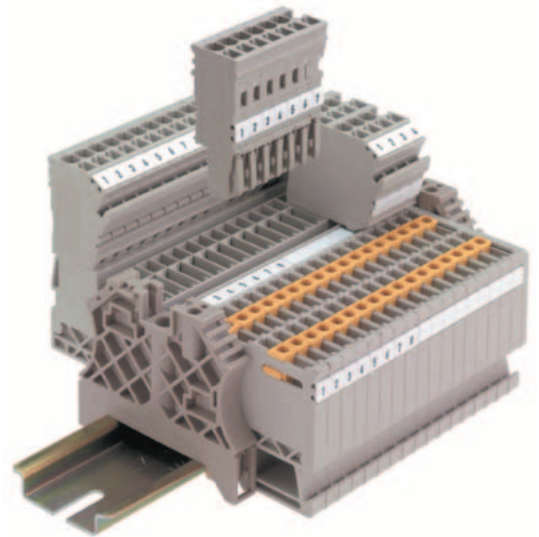
together with our pluggable terminal blocks.

#### The basic principle is compellingly simple:

A terminal strip for the functional unit, a plug-in connector for the cable harness production. The two units need only be snapped together for final assembly – as easy as plugging in connectors. Ready!

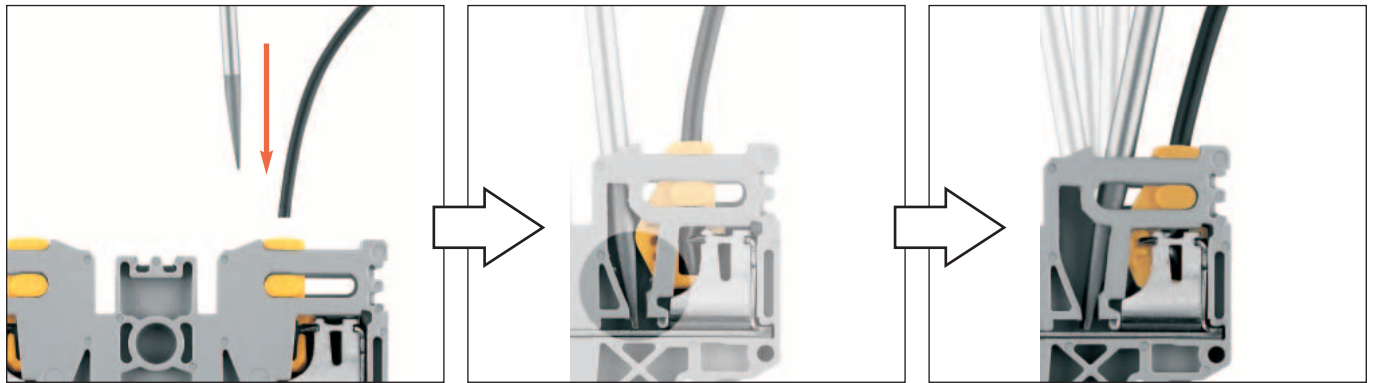
#### The advantages offered by this technique are compelling:

Fast mounting, fully factory testable functional units, quick and easy to replace.



### IDC – how it works:

#### No stripping insulation – no crimping – no special tools



Cut the wire to length and insert it into the terminal point ...

... then insert the screwdriver behind the slider as far as it will go.

Now simply tilt the screwdriver as indicated to move the slider until it engages in position.

Remove the screwdriver – the wire is secured. And that without stripping the insulation, crimping ferrules or using a special tool.

### A look inside ...

illustrates the advantage of our technology.

Wire being connected:

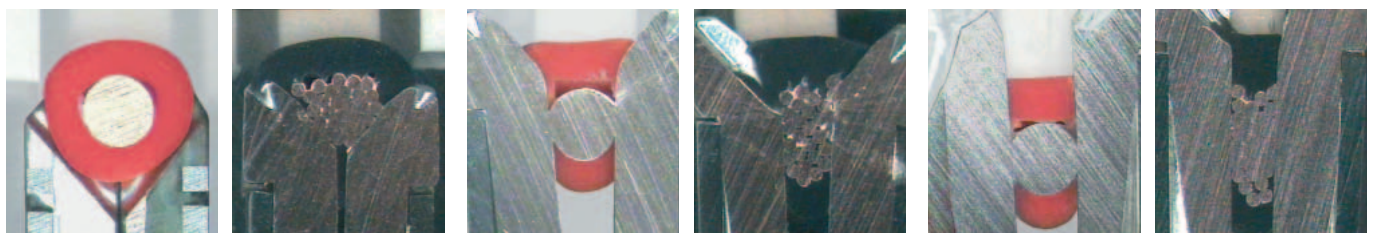
- the insulation is cut into.

Wire being connected:

- the insulation is cut through, first contact is made with the busbar.

Wire in its final position:

- the insulation is completely cut through to achieve a reliable contact across a large surface area.



Solid core wire

Flexible wire

Solid core wire

Flexible wire

Solid core wire

Flexible wire

# WeiCoS – IDC Terminal Carrier

## WeiCoS

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.


|   |                   |
|---|-------------------|
| <b>Width/Length/Height w. TS 35 x 7.5</b> | mm                |
| Max. current / max. cond. cross-section   | A/mm <sup>2</sup> |
| Max. clamping range                       | mm <sup>2</sup>   |

### Technical data



| Rated data   |                 |
|--|-----------------|
| Rated voltage  | V               |
| Rated current  | A               |
| Rated cross-section                                    | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity             | kV/-            |
| Plug gauge IEC 60-947-1 / flammability class acc. UL94 |                 |
| Approvals  |                 |
| Clampable conductors (H05V/H07V)                       |                 |
| Solid / stranded                                       | mm <sup>2</sup> |
| Flexible / flexible w. wire end ferrule                | mm <sup>2</sup> |
| Stripping length/ blade size                           | mm / -          |

### Information

### Ordering data

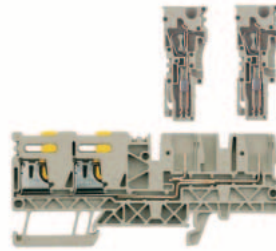
| Base terminal   |                  |
|---|------------------|
|   | dark beige Wemid |
| Plug connector  |                  |
|  | 1-pole           |
|   | 2-pole           |
|   | 3-pole           |
|   | 4-pole           |
|   | 5-pole           |
|   | 6-pole           |
|   | 8-pole           |
|   | 10-pole          |
| Information   |                  |

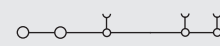
### Accessories

| Cross-connection (pluggable)   |  |
|--|--|
|                           | 2-pole   |
|  | 3-pole   |
|  | 4-pole   |
|  | 10-pole  |
|  | 20-pole  |
| End plate  |  |
|  | dark beige Wemid<br>orange Wemid                   |
| Test adapter   |  |
|  | Standard version<br>With spigot                    |
| Other accessories WeiCoS   |  |
|                           | Locking element                                    |
|  | Coding element                                     |
|  | Strain relief                                      |
| Screwdriver  |  |
|  | w. cutting device "swifty set"<br>Standard version |
| Marking systems  |  |
|  | Tags   |
| For detailed information on additional accessories and usage instructions, please see Catalogue I, Chapter B |  |

## IT 1.5N/4AN/2

1.5 mm<sup>2</sup>



|                          |  |
|--------------------------|--|
| <b>5.1 x 93.5 x 40.7</b> |  |
| <b>/ 1.5</b>             |  |
| <b>0.21 ... 1.5</b>      |  |

IEC 60947-7-1 / IEC 60352-4

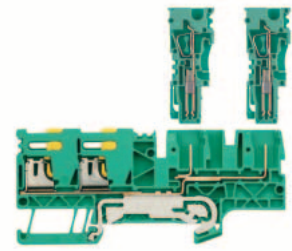
| IEC  | UL          | CSA         | EN 50019 |
|------|-------------|-------------|----------|
| 500  |             |             |          |
| 17.5 |             |             |          |
| 1.5  | AWG 24...16 | AWG 24...16 |          |
|      |             | 6 / 3       |          |
|      |             | / V-0       |          |


| Rated connection | Push-on connection |
|------------------|--------------------|
| 0.21...1.5       |                    |
| 0.21...1.5       |                    |
| / 0.6 x 3.5      |                    |

Conductor < 0.5mm<sup>2</sup> / AWG 24 with IRH 1.5

## ITPE 1.5N/4AN/2

1.5 mm<sup>2</sup>



|                          |   |
|--------------------------|---|
| <b>5.1 x 93.5 x 41.5</b> |  |
| <b>/ 1.5</b>             |   |
| <b>0.21 ... 1.5</b>      |   |

IEC 60947-7-1 / IEC 60352-4

| IEC  | UL          | CSA         | EN 50019 |
|------|-------------|-------------|----------|
| 500  |             |             |          |
| 17.5 |             |             |          |
| 1.5  | AWG 24...16 | AWG 24...16 |          |
|      |             | 6 / 3       |          |
|      |             | / V-0       |          |

| Rated connection | Push-on connection |
|------------------|--------------------|
| 0.21...1.5       |                    |
| 0.21...1.5       |                    |
| / 0.6 x 3.5      |                    |

Conductor < 0.5mm<sup>2</sup> / AWG 24 with IRH 1.5

| Type          | Qty. | Order No.  |
|---------------|------|------------|
| IT 1.5N/4AN/2 | 50   | 1837250000 |
| 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/8  | 20   | 1815540000 |
| ZP 2.5/1AN/10 | 20   | 1815560000 |

| Type            | Qty. | Order No.  |
|-----------------|------|------------|
| ITPE 1.5N/4AN/2 | 50   | 1837260000 |
| 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/8    | 20   | 1815540000 |
| ZP 2.5/1AN/10   | 20   | 1815560000 |

| Current [A]        |    |    |            |
|--------------------|----|----|------------|
| ZQV 2.5/2          | 24 | 60 | 1608860000 |
| ZQV 2.5/3          | 24 | 60 | 1608870000 |
| ZQV 2.5/4          | 24 | 60 | 1608880000 |
| ZQV 2.5/10         | 24 | 20 | 1608940000 |
| ZQV 2.5/50         | 24 | 10 | 1908960000 |
| Width [mm]         |    |    |            |
| IAP/TW IT1.5N/4AN  | 2  | 50 | 1837270000 |
| Current [A]        |    |    |            |
| ITA 1              | 25 |    | 1803800000 |
| ITA 1/ZA           | 25 |    | 1803810000 |
| Width [mm]         |    |    |            |
| ZVR ZP2.5          | 25 |    | 1816130000 |
| KOSF ZT2.5         | 50 |    | 1816150000 |
| ZZE ZP2.5          | 25 |    | 1816140000 |
| Width [mm]         |    |    |            |
| SWIFTY SET         | 1  |    | 9006060000 |
| SD 0.6 X 3.5 X 100 | 10 |    | 9008330000 |
| Width [mm]         |    |    |            |
| WS 10/5            |    |    |            |

| Current [A]        |    |    |            |
|--------------------|----|----|------------|
| ZQV 2.5/2          | 24 | 60 | 1608860000 |
| ZQV 2.5/3          | 24 | 60 | 1608870000 |
| ZQV 2.5/4          | 24 | 60 | 1608880000 |
| ZQV 2.5/10         | 24 | 20 | 1608940000 |
| ZQV 2.5/50         | 24 | 10 | 1908960000 |
| Width [mm]         |    |    |            |
| IAP/TW IT1.5N/4AN  | 2  | 50 | 1837270000 |
| Current [A]        |    |    |            |
| ITA 1              | 25 |    | 1803800000 |
| ITA 1/ZA           | 25 |    | 1803810000 |
| Width [mm]         |    |    |            |
| ZVR ZP2.5          | 25 |    | 1816130000 |
| KOSF ZT2.5         | 50 |    | 1816150000 |
| ZZE ZP2.5          | 25 |    | 1816140000 |
| Width [mm]         |    |    |            |
| SWIFTY SET         | 1  |    | 9006060000 |
| SD 0.6 X 3.5 X 100 | 10 |    | 9008330000 |
| Width [mm]         |    |    |            |
| WS 10/5            |    |    |            |

# WeiCoS – Tension Clamp Terminal Carrier

## WeiCoS feed-through terminals

WeiCoS - pluggable tension clamp terminals for rated cross-section 0.13 to 4 mm<sup>2</sup>.

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

|   |                   |
|---|-------------------|
| <b>Width/Length/Height w. TS 35 x 7.5</b> | mm                |
| Max. current / max. cond. cross-section   | A/mm <sup>2</sup> |
| Max. clamping range                       | mm <sup>2</sup>   |

### Technical data


| Rated data   |                 |
|--|-----------------|
| Rated voltage  | V               |
| Max. voltage of the terminal carrier and the assembled system    | V               |
| Rated current  | A               |
| Rated cross-section  | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity                       | kV/-            |
| Plug gauge IEC 60-947-1 / flammability class acc. UL94 Approvals |                 |

| Clampable conductors (H05V/H07V)        |                 |
|---|-----------------|
| Solid / stranded                        | mm <sup>2</sup> |
| Flexible / flexible w. wire end ferrule | mm <sup>2</sup> |
| Stripping length/ blade size            | mm / -          |

### Information


### Ordering data

| Base terminal |                  |
|---------------|------------------|
|               | dark beige Wemid |

| Plug connector   |         |
|--|---------|
|  <p>Detailed information on all versions in chapter accessories</p> | 1-pole  |
|  | 2-pole  |
|  | 3-pole  |
|  | 4-pole  |
|  | 5-pole  |
|  | 6-pole  |
|  | 8-pole  |
|  | 10-pole |


### Information

### Accessories

| Cross-connection (pluggable)  |         |
|---|---------|
|  <p>QZV 2.5N/4</p> | 2-pole  |
|   | 3-pole  |
|   | 4-pole  |
|   | 10-pole |
|   | 50-pole |

| End plate |                  |
|-----------|------------------|
|           | dark beige Wemid |
|           | orange Wemid     |

| Test adapter |                  |
|--------------|------------------|
|              | Standard version |
|              | With spigot      |

| Other accessories WeiCoS  |                 |
|---|-----------------|
|  | Locking element |
|   | Coding element  |
|   | Strain relief   |

| Screwdriver   |                  |
|---|------------------|
|  <p>w. cutting device "swifty set"</p> | Standard version |
|   |                  |

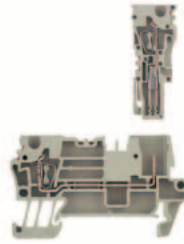
| Marking systems |      |
|-----------------|------|
|                 | Tags |

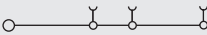
For detailed information on additional accessories and usage instructions, please see Catalogue I, Chapter B

## ZT 2.5/2AN/1

2.5 mm<sup>2</sup>

1 tension-spring con. / 1 push-on con.



|                      |  |
|----------------------|--|
| <b>5.1 x 58 x 35</b> |  |
| <b>24 / 4</b>        |  |
| <b>0.13 ... 4</b>    |  |

IEC 60947-7-1 / IEC 61984

| IEC | UL/CSA D    | UL/CSA C    | EN 50019 |
|-----|-------------|-------------|----------|
| 500 | 600         | 300         |          |
| 690 |             |             |          |
| 24  | 5           | 20          |          |
| 2.5 | AWG 26...12 | AWG 26...12 |          |
|     |             | 6 / 3       |          |
|     |             | A2 / V-0    |          |

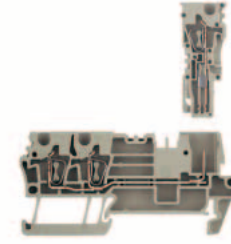
| Rated connection    |  | Push-on connection  |  |
|---------------------|--|---------------------|--|
| 0.5...4             |  | 0.5...4             |  |
| 0.5...4 / 0.5...2.5 |  | 0.5...4 / 0.5...2.5 |  |
| 10 / 0.6 x 3.5      |  |                     |  |

Flexible conductor 2.5 mm<sup>2</sup> with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

## ZT 2.5/3AN/1

2.5 mm<sup>2</sup>

2 tension-spring con. / 1 push-on con.



|                        |   |
|------------------------|---|
| <b>5.1 x 71.5 x 35</b> |   |
| <b>24 / 4</b>          |  |
| <b>0.13 ... 4</b>      |   |

IEC 60947-7-1 / IEC 61984

| IEC | UL/CSA D    | UL/CSA C    | EN 50019 |
|-----|-------------|-------------|----------|
| 500 | 600         | 300         |          |
| 690 |             |             |          |
| 24  | 5           | 20          |          |
| 2.5 | AWG 26...12 | AWG 26...12 |          |
|     |             | 6 / 3       |          |
|     |             | A2 / V-0    |          |

| Rated connection    |  | Push-on 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      |  |                     |  |

Flexible conductor 2.5 mm<sup>2</sup> with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

| Type          | Qty. | Order No.  |
|---------------|------|------------|
| ZT 2.5/2AN/1  | 50   | 1815070000 |
| 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/8  | 20   | 1815540000 |
| ZP 2.5/1AN/10 | 20   | 1815560000 |

| Type          | Qty. | Order No.  |
|---------------|------|------------|
| ZT 2.5/3AN/1  | 50   | 1815090000 |
| 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/8  | 20   | 1815540000 |
| ZP 2.5/1AN/10 | 20   | 1815560000 |

| Current [A]    |    |    |            |
|----------------|----|----|------------|
| ZQV 2.5N/2 GE  | 24 | 60 | 1693800000 |
| ZQV 2.5N/3 GE  | 24 | 60 | 1693810000 |
| ZQV 2.5N/4 GE  | 24 | 60 | 1693820000 |
| ZQV 2.5N/10 GE | 24 | 20 | 1693880000 |
| ZQV 2.5N/20 GE | 24 | 20 | 1909000000 |

| Width [mm]          |     |    |            |
|---------------------|-----|----|------------|
| ZAP/TW ZT2.5/2AN    | 2,5 | 50 | 1816030000 |
| ZAP/TW ZT2.5/2AN OR | 2,5 | 50 | 1816040000 |

| Current [A]  |    |  |            |
|--------------|----|--|------------|
| ZTA ZT2.5    | 25 |  | 1827080000 |
| ZTA ZT2.5/ZA | 25 |  | 1847600000 |

| Width [mm] |    |  |            |
|------------|----|--|------------|
| ZVR ZP2.5  | 25 |  | 1816130000 |
| KOSF ZT2.5 | 50 |  | 1816150000 |
| ZZE ZP2.5  | 25 |  | 1816140000 |

| Width [mm]         |    |  |            |
|--------------------|----|--|------------|
| SD 0.6 X 3.5 X 100 | 10 |  | 9008330000 |

| Width [mm]      |  |  |  |
|-----------------|--|--|--|
| DEK 5 / WS 10/5 |  |  |  |

| Current [A]    |    |    |            |
|----------------|----|----|------------|
| ZQV 2.5N/2 GE  | 24 | 60 | 1693800000 |
| ZQV 2.5N/3 GE  | 24 | 60 | 1693810000 |
| ZQV 2.5N/4 GE  | 24 | 60 | 1693820000 |
| ZQV 2.5N/10 GE | 24 | 20 | 1693880000 |
| ZQV 2.5N/20 GE | 24 | 20 | 1909000000 |

| Width [mm]          |     |    |            |
|---------------------|-----|----|------------|
| ZAP/TW ZT2.5/3AN    | 2,5 | 50 | 1816050000 |
| ZAP/TW ZT2.5/3AN OR | 2,5 | 50 | 1816060000 |

| Current [A]  |    |  |            |
|--------------|----|--|------------|
| ZTA ZT2.5    | 25 |  | 1827080000 |
| ZTA ZT2.5/ZA | 25 |  | 1847600000 |

| Width [mm] |    |  |            |
|------------|----|--|------------|
| ZVR ZP2.5  | 25 |  | 1816130000 |
| KOSF ZT2.5 | 50 |  | 1816150000 |
| ZZE ZP2.5  | 25 |  | 1816140000 |

| Width [mm]         |    |  |            |
|--------------------|----|--|------------|
| SD 0.6 X 3.5 X 100 | 10 |  | 9008330000 |

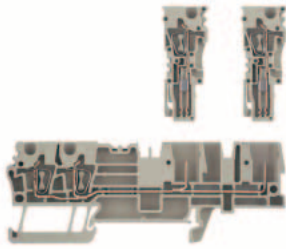
| Width [mm]      |  |  |  |
|-----------------|--|--|--|
| DEK 5 / WS 10/5 |  |  |  |

# WeiCoS – Tension Clamp Terminal Carrier

## ZT 2.5/4AN/2

2.5 mm<sup>2</sup>

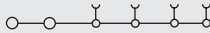
2 tension-spring con. / 2 push-on con.



5.1 x 93 x 35

24 / 4

0.13 ... 4



IEC 60947-7-1 / IEC 61984

| IEC | UL/CSA D    | UL/CSA C    | EN 50019 |
|-----|-------------|-------------|----------|
| 500 | 600         | 300         |          |
| 690 |             |             |          |
| 24  | 5           | 20          |          |
| 2.5 | AWG 26...12 | AWG 26...12 |          |
|     | 6 / 3       |             |          |
|     | A2 / V-0    |             |          |



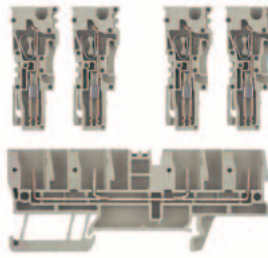
| Rated connection    | Push-on connection  |
|---------------------|---------------------|
| 0.5...4             | 0.5...4             |
| 0.5...4 / 0.5...2.5 | 0.5...4 / 0.5...2.5 |
| 10 / 0.6 x 3.5      |                     |

Flexible conductor 2.5 mm<sup>2</sup> with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

## ZT 2.5/4AN/4

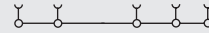
2.5 mm<sup>2</sup>

4 push-on connections



5.1 x 85,5 x 35

24



IEC 60947-7-1 / IEC 61984

| IEC | UL/CSA D    | UL/CSA C    | EN 50019 |
|-----|-------------|-------------|----------|
| 500 | 600         | 300         |          |
| 690 |             |             |          |
| 24  | 5           | 20          |          |
| 2.5 | AWG 26...12 | AWG 26...12 |          |
|     | 6 / 3       |             |          |
|     | / V-0       |             |          |



| Rated connection | Push-on connection  |
|------------------|---------------------|
|                  | 0.5...4             |
|                  | 0.5...4 / 0.5...2.5 |
| / 0.6 x 3.5      |                     |

Flexible conductor 2.5 mm<sup>2</sup> with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

| Type          | Qty. | Order No.  |
|---------------|------|------------|
| ZT 2.5/4AN/2  | 50   | 1815110000 |
| 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/8  | 20   | 1815540000 |
| ZP 2.5/1AN/10 | 20   | 1815560000 |

| Type          | Qty. | Order No.  |
|---------------|------|------------|
| ZT 2.5/4AN/4  | 50   | 1815130000 |
| 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/8  | 20   | 1815540000 |
| ZP 2.5/1AN/10 | 20   | 1815560000 |

| Current [A]           |     |    |            |
|-----------------------|-----|----|------------|
| ZQV 2.5N/2 GE         | 24  | 60 | 1693800000 |
| ZQV 2.5N/3 GE         | 24  | 60 | 1693810000 |
| ZQV 2.5N/4 GE         | 24  | 60 | 1693820000 |
| ZQV 2.5N/10 GE        | 24  | 20 | 1693880000 |
| ZQV 2.5N/20 GE        | 24  | 20 | 1909000000 |
| Width [mm]            |     |    |            |
| ZAP/TW ZT2.5/4AN/2    | 2,5 | 50 | 1816070000 |
| ZAP/TW ZT2.5/4AN/2 OR | 2,5 | 50 | 1816080000 |
| ZTA ZT2.5             | 25  |    | 1827080000 |
| ZTA ZT2.5/ZA          | 25  |    | 1847600000 |
| ZVR ZP2.5             | 25  |    | 1816130000 |
| KOSF ZT2.5            | 50  |    | 1816150000 |
| ZZE ZP2.5             | 25  |    | 1816140000 |
| SD 0.6 X 3.5 X 100    | 10  |    | 9008330000 |
| DEK 5 / WS 10/5       |     |    |            |

| Current [A]           |     |    |            |
|-----------------------|-----|----|------------|
| ZQV 2.5N/2 GE         | 24  | 60 | 1693800000 |
| ZQV 2.5N/3 GE         | 24  | 60 | 1693810000 |
| ZQV 2.5N/4 GE         | 24  | 60 | 1693820000 |
| ZQV 2.5N/10 GE        | 24  | 20 | 1693880000 |
| ZQV 2.5N/20 GE        | 24  | 20 | 1909000000 |
| Width [mm]            |     |    |            |
| ZAP/TW ZT2.5/4AN/4    | 2,5 | 50 | 1816090000 |
| ZAP/TW ZT2.5/4AN/4 OR | 2,5 | 50 | 1816100000 |
| ZTA ZT2.5             | 25  |    | 1827080000 |
| ZTA ZT2.5/ZA          | 25  |    | 1847600000 |
| ZVR ZP2.5             | 25  |    | 1816130000 |
| KOSF ZT2.5            | 50  |    | 1816150000 |
| ZZE ZP2.5             | 25  |    | 1816140000 |
| SD 0.6 X 3.5 X 100    | 10  |    | 9008330000 |
| DEK 5 / WS 10/5       |     |    |            |

# WeiCoS – Tension Clamp Terminal Carrier

## WeiCoS feed-through terminals

WeiCoS - pluggable tension clamp terminals for rated cross-section 0.13 to 4 mm<sup>2</sup>.

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

|   |                   |
|---|-------------------|
| <b>Width/Length/Height w. TS 35 x 7.5</b> | mm                |
| Max. current / max. cond. cross-section   | A/mm <sup>2</sup> |
| Max. clamping range                       | mm <sup>2</sup>   |

### Technical data

| Rated data  |                 |
|---|-----------------|
| Rated voltage   | V               |
| Max. voltage of the terminal carrier and the assembled system | V               |
| Rated current   | A               |
| Rated cross-section   | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity                    | kV/-            |
| Plug gauge IEC 60-947-1 / flammability class acc. UL94        |                 |
| Approvals   |                 |

### Clampable conductors (H05V/H07V)

|   |                 |
|---|-----------------|
| Solid / stranded                        | mm <sup>2</sup> |
| Flexible / flexible w. wire end ferrule | mm <sup>2</sup> |
| Stripping length/ blade size            | mm / -          |

### Information

### Ordering data

| Base terminal |                  |
|---------------|------------------|
|               | dark beige Wemid |

### Plug connector



Detailed information on all versions in chapter accessories

|         |  |
|---------|--|
| 1-pole  |  |
| 2-pole  |  |
| 3-pole  |  |
| 4-pole  |  |
| 5-pole  |  |
| 6-pole  |  |
| 8-pole  |  |
| 10-pole |  |

### Information

### Accessories

#### Cross-connection (pluggable)



ZQV 2.5N/4

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

#### End plate

|                  |  |
|------------------|--|
| dark beige Wemid |  |
| orange Wemid     |  |

#### Test adapter

|                  |  |
|------------------|--|
| Standard version |  |
| With spigot      |  |

#### Other accessories WeiCoS



|                 |  |
|-----------------|--|
| Locking element |  |
| Coding element  |  |
| Strain relief   |  |

#### Screwdriver



|                                |  |
|--------------------------------|--|
| w. cutting device "swifty set" |  |
| Standard version               |  |

#### Marking systems

Tags

For detailed information on additional accessories and usage instructions, please see Catalogue I, Chapter B

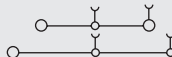
## ZDT 2.5/2

2.5 mm<sup>2</sup>

Two potentials possible



|                          |
|--------------------------|
| <b>5.1</b> x 80.5 x 52.5 |
| <b>/ 4</b>               |
| <b>0.13 ... 4</b>        |



IEC 60947-7-1 / IEC 61984

| IEC | UL/CSA D    | UL/CSA C    | EN 50019 |
|-----|-------------|-------------|----------|
| 500 | 600         | 300         |          |
| 690 |             |             |          |
| 24  | 5           | 20          |          |
| 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      |

#### Push-on connection

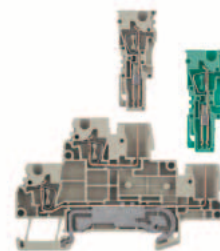
|                     |
|---------------------|
| 0.5...4             |
| 0.5...4 / 0.5...2.5 |

Flexible conductor 2.5 mm<sup>2</sup> with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

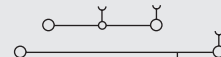
## ZDT 2.5/2 DU-PE

2.5 mm<sup>2</sup>

Phase - PE conductor



|                          |
|--------------------------|
| <b>5.1</b> x 80.5 x 52.5 |
| <b>24 / 4</b>            |
| <b>0.13 ... 4</b>        |



IEC 60947-7-1 (-7-2) / IEC 61984

| IEC | UL/CSA D    | UL/CSA C    | EN 50019 |
|-----|-------------|-------------|----------|
| 500 | 600         | 300         |          |
| 690 |             |             |          |
| 24  | 5           | 20          |          |
| 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      |

#### Push-on connection

|                     |
|---------------------|
| 0.5...4             |
| 0.5...4 / 0.5...2.5 |

Flexible conductor 2.5 mm<sup>2</sup> with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

| Type          | Qty. | Order No.  |
|---------------|------|------------|
| ZDT 2.5/2     | 50   | 1815150000 |
| 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/8  | 20   | 1815540000 |
| ZP 2.5/1AN/10 | 20   | 1815560000 |

| Type            | Qty. | Order No.  |
|-----------------|------|------------|
| ZDT 2.5/2 DU-PE | 50   | 1815160000 |
| 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/8    | 20   | 1815540000 |
| ZP 2.5/1AN/10   | 20   | 1815560000 |

| Current [A]    |    |    |            |
|----------------|----|----|------------|
| ZQV 2.5N/2 GE  | 24 | 60 | 1693800000 |
| ZQV 2.5N/3 GE  | 24 | 60 | 1693810000 |
| ZQV 2.5N/4 GE  | 24 | 60 | 1693820000 |
| ZQV 2.5N/10 GE | 24 | 20 | 1693880000 |
| ZQV 2.5N/20 GE | 24 | 20 | 1909000000 |

| Width [mm]         |     |    |            |
|--------------------|-----|----|------------|
| ZAP/TW ZDT2.5/2    | 2.5 | 50 | 1816110000 |
| ZAP/TW ZDT2.5/2 OR | 2.5 | 50 | 1816120000 |

|              |    |            |
|--------------|----|------------|
| ZTA ZT2.5    | 25 | 1827080000 |
| ZTA ZT2.5/ZA | 25 | 1847600000 |

|            |    |            |
|------------|----|------------|
| ZVR ZP2.5  | 25 | 1816130000 |
| KOSF ZT2.5 | 50 | 1816150000 |
| ZZE ZP2.5  | 25 | 1816140000 |

|                    |    |            |
|--------------------|----|------------|
| SD 0.6 X 3.5 X 100 | 10 | 9008330000 |
|--------------------|----|------------|

DEK 5

| Current [A]    |    |    |            |
|----------------|----|----|------------|
| ZQV 2.5N/2 GE  | 24 | 60 | 1693800000 |
| ZQV 2.5N/3 GE  | 24 | 60 | 1693810000 |
| ZQV 2.5N/4 GE  | 24 | 60 | 1693820000 |
| ZQV 2.5N/10 GE | 24 | 20 | 1693880000 |
| ZQV 2.5N/20 GE | 24 | 20 | 1909000000 |

| Width [mm]         |     |    |            |
|--------------------|-----|----|------------|
| ZAP/TW ZDT2.5/2    | 2.5 | 50 | 1816110000 |
| ZAP/TW ZDT2.5/2 OR | 2.5 | 50 | 1816120000 |

|              |    |            |
|--------------|----|------------|
| ZTA ZT2.5    | 25 | 1827080000 |
| ZTA ZT2.5/ZA | 25 | 1847600000 |

|            |    |            |
|------------|----|------------|
| ZVR ZP2.5  | 25 | 1816130000 |
| KOSF ZT2.5 | 50 | 1816150000 |
| ZZE ZP2.5  | 25 | 1816140000 |

|                    |    |            |
|--------------------|----|------------|
| SD 0.6 X 3.5 X 100 | 10 | 9008330000 |
|--------------------|----|------------|

DEK 5

# WeiCoS – Tension Clamp Terminal Carrier

## WeiCoS feed-through terminals

WeiCoS - pluggable tension clamp terminals for rated cross-section 0.13 to 4 mm<sup>2</sup>.

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

|   |                   |
|---|-------------------|
| <b>Width/Length/Height w. TS 35 x 7.5</b> | mm                |
| Max. current / max. cond. cross-section   | A/mm <sup>2</sup> |
| Max. clamping range                       | mm <sup>2</sup>   |

### Technical data


| Rated data   |                 |
|--|-----------------|
| Rated voltage  | V               |
| Rated current  | A               |
| Rated cross-section                                    | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity             | kV/-            |
| Plug gauge IEC 60-947-1 / flammability class acc. UL94 |                 |
| Approvals  |                 |

| Clampable conductors (H05V/H07V)        |                 |
|---|-----------------|
| Solid / stranded                        | mm <sup>2</sup> |
| Flexible / flexible w. wire end ferrule | mm <sup>2</sup> |
| Stripping length/ blade size            | mm / -          |


### Information

### Ordering data

| Base terminal |                  |
|---------------|------------------|
|               | dark beige Wemid |

| Plug connector   |         |
|--|---------|
|  <p>Detailed information on all versions in chapter accessories</p> | 1-pole  |
|  | 2-pole  |
|  | 3-pole  |
|  | 4-pole  |
|  | 5-pole  |
|  | 6-pole  |
|  | 8-pole  |
|  | 10-pole |

### Accessories

| Cross-connection (pluggable)  |                           |
|---|---------------------------|
|  <p>ZQV 2.5N/4</p> | Vertical cross-connection |
|   | 2-pole                    |
|   | 3-pole                    |
|   | 4-pole                    |
|   | 10-pole                   |
|   | 20-pole                   |

| End plate |                                  |
|-----------|----------------------------------|
|           | dark beige Wemid<br>orange Wemid |

| Test adapter |                                 |
|--------------|---------------------------------|
|              | Standard version<br>With spigot |

| Other accessories WeiCoS  |                 |
|---|-----------------|
|  | Locking element |
|   | Coding element  |
|   | Strain relief   |

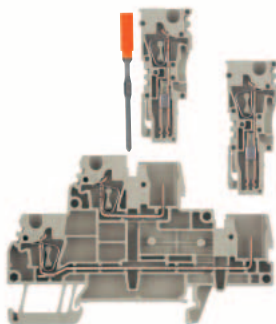
| Screwdriver   |                                |
|---|--------------------------------|
|  | w. cutting device "swifty set" |
|   | Standard version               |

| Marking systems |      |
|-----------------|------|
|                 | Tags |

| Socket contact  |        |
|---|--------|
|  | PS 2.3 |

For detailed information on additional accessories and usage instructions, please see Catalogue I, Chapter B

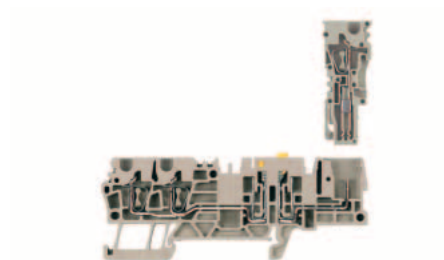
A vertical connecting variation of the ZDT 2.5/2 (Part. No. **1815150000**) can be achieved by using the vertical cross-connection (ZVQ 2.5/1.5 Part. No. **1720700000**).



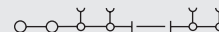
## ZTTR 2.5/2AN/1

2.5 mm<sup>2</sup>

2 tension-spring con. / 2 push-on con.



|                      |
|----------------------|
| <b>5.1 x 87 x 34</b> |
| <b>20 / 4</b>        |
| <b>0.13 ... 4</b>    |



IEC 60947-7-1 / IEC 61984

| IEC | UL          | CSA         | EN 50019 |
|-----|-------------|-------------|----------|
| 400 | 300         |             |          |
| 20  | 10          |             |          |
| 2.5 | AWG 26...12 | AWG 26...12 |          |
|     | 6 / 3       |             |          |
|     | A2 / V-0    |             |          |

| Rated connection    | Push-on 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      |                     |

Flexible conductor 2.5 mm<sup>2</sup> with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

| Type           | Qty. | Order No.         |
|----------------|------|-------------------|
| ZTTR 2.5/2AN/1 | 50   | <b>1865510000</b> |
| ZP 2.5/1AN/1   | 50   | <b>1815430000</b> |
| ZP 2.5/1AN/2   | 25   | <b>1815440000</b> |
| ZP 2.5/1AN/3   | 25   | <b>1815450000</b> |
| ZP 2.5/1AN/4   | 25   | <b>1815500000</b> |
| ZP 2.5/1AN/5   | 25   | <b>1815510000</b> |
| ZP 2.5/1AN/6   | 25   | <b>1815520000</b> |
| ZP 2.5/1AN/8   | 20   | <b>1815540000</b> |
| ZP 2.5/1AN/10  | 20   | <b>1815560000</b> |

| Current [A]    |    |    |                   |
|----------------|----|----|-------------------|
| ZQV 2.5N/2 GE  | 24 | 60 | <b>1693800000</b> |
| ZQV 2.5N/3 GE  | 24 | 60 | <b>1693810000</b> |
| ZQV 2.5N/4 GE  | 24 | 60 | <b>1693820000</b> |
| ZQV 2.5N/10 GE | 24 | 20 | <b>1693880000</b> |
| ZQV 2.5N/20 GE | 24 | 20 | <b>1909000000</b> |

| Width [mm]     |    |                   |
|----------------|----|-------------------|
| ZAP/TW ZTTR2.5 | 50 | <b>1865520000</b> |

|              |    |                   |
|--------------|----|-------------------|
| ZTA ZT2.5    | 25 | <b>1827080000</b> |
| ZTA ZT2.5/ZA | 25 | <b>1847600000</b> |

|            |    |                   |
|------------|----|-------------------|
| ZVR ZP2.5  | 25 | <b>1816130000</b> |
| KOSF ZT2.5 | 50 | <b>1816150000</b> |
| ZZE ZP2.5  | 25 | <b>1816140000</b> |

|                    |    |                   |
|--------------------|----|-------------------|
| SD 0.6 X 3.5 X 100 | 10 | <b>9008330000</b> |
|--------------------|----|-------------------|

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

|           |    |                   |
|-----------|----|-------------------|
| PS 2.3 RT | 20 | <b>0180400000</b> |
|-----------|----|-------------------|

# WeiCoS – Tension Clamp Terminal Carrier

## WeiCoS PE - terminal

WeiCoS - pluggable terminals for conductor cross-sections 0.13 to 4 mm<sup>2</sup>.

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

|   |                   |
|---|-------------------|
| <b>Width/Length/Height w. TS 35 x 7.5</b> | mm                |
| Max. current / max. cond. cross-section   | A/mm <sup>2</sup> |
| Max. clamping range                       | mm <sup>2</sup>   |

### Technical data

| Rated data  |                 |
|---|-----------------|
| Rated cross-section   | mm <sup>2</sup> |
| Max. voltage of the terminal carrier and the assembled system | V               |
| Rated voltage for adjacent terminal                           | V               |
| Rated impulse voltage for adjacent terminal                   | kV              |
| Short-time current resistant                                  | A               |
| Pollution severity of adjacent terminal                       |                 |
| Plug gauge IEC 60-947-1 / flammability class acc. UL94        |                 |
| Approvals   |                 |

### Clampable conductors (H05V/H07V)

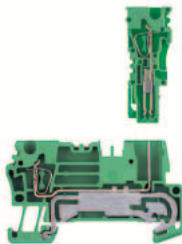
|   |                 |
|---|-----------------|
| Solid / stranded                        | mm <sup>2</sup> |
| Flexible / flexible w. wire end ferrule | mm <sup>2</sup> |
| Stripping length / blade size           | mm              |

### Information

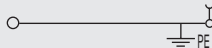
## ZTPE 2.5/2AN/1

2.5 mm<sup>2</sup>

1 tension-spring con. / 1 push-on con.



|                      |
|----------------------|
| <b>5.1 x 58 x 35</b> |
| <b>/ 4</b>           |
| <b>0.13 ... 4</b>    |



IEC 60947-7-2

| IEC | UL                           | CSA         | EN 50019 |
|-----|------------------------------|-------------|----------|
| 2.5 | AWG 26...12                  | AWG 26...12 |          |
| 690 |                              |             |          |
|     | 500                          |             |          |
|     | 6                            |             |          |
|     | 300 A (2.5 mm <sup>2</sup> ) |             |          |
|     | 3                            |             |          |
|     | A2 / V-0                     |             |          |



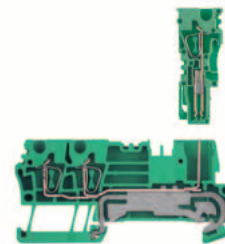
| Rated connection    | Push-on connection  |
|---------------------|---------------------|
| 0.5...4             | 0.5...4             |
| 0.5...4 / 0.5...2.5 | 0.5...4 / 0.5...2.5 |
| 10 / 0.6 x 3.5      |                     |

Flexible conductor 2.5 mm<sup>2</sup> with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

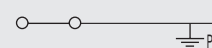
## ZTPE 2.5/3AN/1

2.5 mm<sup>2</sup>

2 tension-spring con. / 1 push-on con.



|                        |
|------------------------|
| <b>5.1 x 71.5 x 35</b> |
| <b>/ 4</b>             |
| <b>0.13 ... 4</b>      |



IEC 60947-7-2

| IEC | UL                           | CSA         | EN 50019 |
|-----|------------------------------|-------------|----------|
| 2.5 | AWG 26...12                  | AWG 26...12 |          |
| 690 |                              |             |          |
|     | 500                          |             |          |
|     | 6                            |             |          |
|     | 300 A (2.5 mm <sup>2</sup> ) |             |          |
|     | 3                            |             |          |
|     | A2 / V-0                     |             |          |



| Rated connection    | Push-on 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      |                     |

Flexible conductor 2.5 mm<sup>2</sup> with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

### Ordering data

| Base terminal |                    |
|---------------|--------------------|
|               | green/yellow Wemid |

| Plug connector    |  |
|-------------------|--|
|                   | <i>Detailed information on all versions in chapter accessories</i> |
|                   | 1-pole   |
|                   | 2-pole   |
|                   | 3-pole   |
|                   | 4-pole   |
|                   | 5-pole   |
|                   | 6-pole   |
| (ZP 2.5/1AN/QV/1) | 10-pole  |

### Information

| Type               | Qty. | Order No.  |
|--------------------|------|------------|
| ZTPE 2.5/2AN/1     | 50   | 1815080000 |
| ZP 2.5/1AN/QV/1 GN | 50   | 1820570000 |
|                    |      |            |
|                    |      |            |
|                    |      |            |
|                    |      |            |
|                    |      |            |
|                    |      |            |
|                    |      |            |

| Type               | Qty. | Order No.  |
|--------------------|------|------------|
| ZTPE 2.5/3AN/1     | 50   | 1815100000 |
| ZP 2.5/1AN/QV/1 GN | 50   | 1820570000 |
|                    |      |            |
|                    |      |            |
|                    |      |            |
|                    |      |            |
|                    |      |            |
|                    |      |            |
|                    |      |            |

### Accessories

| End plate |                  |
|-----------|------------------|
|           | dark beige Wemid |
|           | orange PA        |

| Test adapter |                  |
|--------------|------------------|
|              | Standard version |
|              | With spigot      |

| Other accessories |                         |
|-------------------|-------------------------|
|                   | Locking element, yellow |
|                   | Coding element, yellow  |
|                   | Strain relief, yellow   |

| Screwdriver |                                |
|-------------|--------------------------------|
|             | w. cutting device "swifty set" |
|             | Standard version               |

| Rail support |  |
|--------------|--|
|              | <i>To arrange mounting rails in insulated systems!</i> |

| PEN-bridge |  |
|------------|--|
|            | <i>Insertable in distributor TN-S net between N- and PE-terminal</i> |

| Marking systems |      |
|-----------------|------|
|                 | Tags |

For detailed information on additional accessories and usage instructions, please see Catalogue I, Chapter B

| Width [mm]          |     |    |            |
|---------------------|-----|----|------------|
| ZAP/TW ZT2.5/2AN    | 2.5 | 50 | 1816030000 |
| ZAP/TW ZT2.5/2AN OR | 2.5 | 50 | 1816040000 |

|              |    |            |
|--------------|----|------------|
| ZTA ZT2.5    | 25 | 1827080000 |
| ZTA ZT2.5/ZA | 25 | 1847600000 |

|            |    |            |
|------------|----|------------|
| ZVR ZP2.5  | 25 | 1816130000 |
| KOSF ZT2.5 | 50 | 1816150000 |
| ZZE ZP2.5  | 25 | 1816140000 |

|                    |    |            |
|--------------------|----|------------|
| SD 0.6 X 3.5 X 100 | 10 | 9008330000 |
|--------------------|----|------------|

|      |    |            |
|------|----|------------|
| SH 2 | 10 | 0494920000 |
|------|----|------------|

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

| Width [mm]          |     |    |            |
|---------------------|-----|----|------------|
| ZAP/TW ZT2.5/3AN    | 2.5 | 50 | 1816050000 |
| ZAP/TW ZT2.5/3AN OR | 2.5 | 50 | 1816060000 |

|              |    |            |
|--------------|----|------------|
| ZTA ZT2.5    | 25 | 1827080000 |
| ZTA ZT2.5/ZA | 25 | 1847600000 |

|            |    |            |
|------------|----|------------|
| ZVR ZP2.5  | 25 | 1816130000 |
| KOSF ZT2.5 | 50 | 1816150000 |
| ZZE ZP2.5  | 25 | 1816140000 |

|                    |    |            |
|--------------------|----|------------|
| SD 0.6 X 3.5 X 100 | 10 | 9008330000 |
|--------------------|----|------------|

|      |    |            |
|------|----|------------|
| SH 2 | 10 | 0494920000 |
|------|----|------------|

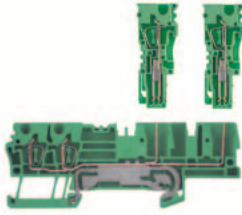
|                 |
|-----------------|
| DEK 5 / WS 10/5 |
|-----------------|

# WeiCoS – Tension Clamp Terminal Carrier

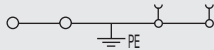
## ZTPE 2.5/4AN/2

2.5 mm<sup>2</sup>

2 tension-spring con. / 2 push-on con.



5.1 x 93 x 35  
/ 4  
0.13 ... 4



IEC 60947-7-2

| IEC | UL                           | CSA         | EN 50019 |
|-----|------------------------------|-------------|----------|
| 2.5 | AWG 26...12                  | AWG 26...12 |          |
| 690 |                              |             |          |
|     | 500                          |             |          |
|     | 6                            |             |          |
|     | 300 A (2.5 mm <sup>2</sup> ) |             |          |
|     | 3                            |             |          |
|     | A2 / V-0                     |             |          |



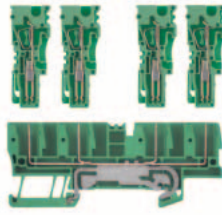
| Rated connection    | Push-on connection  |
|---------------------|---------------------|
| 0.5...4             | 0.5...4             |
| 0.5...4 / 0.5...2.5 | 0.5...4 / 0.5...2.5 |
| 10 / 0.6 x 3.5      |                     |

Flexible conductor 2.5 mm<sup>2</sup> with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

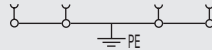
## ZTPE 2.5/4AN/4

2.5 mm<sup>2</sup>

4 push-on con.



5.1 x 85.5 x 35



IEC 60947-7-2

| IEC | UL                           | CSA | EN 50019 |
|-----|------------------------------|-----|----------|
| 2.5 |                              |     |          |
| 690 |                              |     |          |
|     | 500                          |     |          |
|     | 6                            |     |          |
|     | 300 A (2.5 mm <sup>2</sup> ) |     |          |
|     | 3                            |     |          |
|     | A2 / V-0                     |     |          |



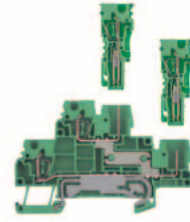
| Rated connection | Push-on connection  |
|------------------|---------------------|
|                  | 0.5...4             |
|                  | 0.5...4 / 0.5...2.5 |
| 10 / 0.6 x 3.5   |                     |

Flexible conductor 2.5 mm<sup>2</sup> with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

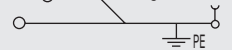
## ZDT 2.5/2 PE

2.5 mm<sup>2</sup>

2 tension-spring con./ 2 push-on con.



5.1 x 80.5 x 52.5  
/ 4  
0.13 ... 4



IEC 60947-7-2

| IEC | UL                           | CSA         | EN 50019 |
|-----|------------------------------|-------------|----------|
| 2.5 | AWG 26...12                  | AWG 26...12 |          |
| 690 |                              |             |          |
|     | 500                          |             |          |
|     | 6                            |             |          |
|     | 300 A (2.5 mm <sup>2</sup> ) |             |          |
|     | 3                            |             |          |
|     | A2 / V-0                     |             |          |



| Rated connection    | Push-on 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      |                     |

Flexible conductor 2.5 mm<sup>2</sup> with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

| Type               | Qty. | Order No.  |
|--------------------|------|------------|
| ZTPE 2.5/4AN/2     | 50   | 1815120000 |
| ZP 2.5/1AN/QV/1 GN | 50   | 1820570000 |
|                    |      |            |
|                    |      |            |
|                    |      |            |
|                    |      |            |
|                    |      |            |
|                    |      |            |

| Type               | Qty. | Order No.  |
|--------------------|------|------------|
| ZTPE 2.5/4AN/4     | 50   | 1815140000 |
| ZP 2.5/1AN/QV/1 GN | 50   | 1820570000 |
|                    |      |            |
|                    |      |            |
|                    |      |            |
|                    |      |            |
|                    |      |            |
|                    |      |            |

| Type               | Qty. | Order No.  |
|--------------------|------|------------|
| ZDT 2.5/2 PE       | 50   | 1815170000 |
| ZP 2.5/1AN/QV/1 GN | 50   | 1820570000 |
|                    |      |            |
|                    |      |            |
|                    |      |            |
|                    |      |            |
|                    |      |            |
|                    |      |            |

| Width [mm]            |     |    |            |
|-----------------------|-----|----|------------|
| ZAP/TW ZT2.5/4AN/2    | 2.5 | 50 | 1816070000 |
| ZAP/TW ZT2.5/4AN/2 OR | 2.5 | 50 | 1816080000 |
| ZTA ZT2.5             | 25  |    | 1827080000 |
| ZTA ZT2.5/ZA          | 25  |    | 1847600000 |
| ZVR ZP2.5             | 25  |    | 1816130000 |
| KOSF ZT2.5            | 50  |    | 1816150000 |
| ZZE ZP2.5             | 25  |    | 1816140000 |
|                       |     |    |            |
| SD 0.6 X 3.5 X 100    | 10  |    | 9008330000 |
|                       |     |    |            |
| SH 2                  | 10  |    | 0494920000 |
|                       |     |    |            |
|                       |     |    |            |
| DEK 5 / WS 10/5       |     |    |            |

| Width [mm]            |     |    |            |
|-----------------------|-----|----|------------|
| ZAP/TW ZT2.5/4AN/4    | 2.5 | 50 | 1816090000 |
| ZAP/TW ZT2.5/4AN/4 OR | 2.5 | 50 | 1816100000 |
| ZTA ZT2.5             | 25  |    | 1827080000 |
| ZTA ZT2.5/ZA          | 25  |    | 1847600000 |
| ZVR ZP2.5             | 25  |    | 1816130000 |
| KOSF ZT2.5            | 50  |    | 1816150000 |
| ZZE ZP2.5             | 25  |    | 1816140000 |
|                       |     |    |            |
| SD 0.6 X 3.5 X 100    | 10  |    | 9008330000 |
|                       |     |    |            |
| SH 2                  | 10  |    | 0494920000 |
|                       |     |    |            |
|                       |     |    |            |
| DEK 5 / WS 10/5       |     |    |            |

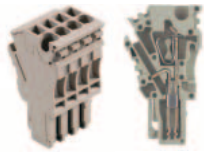
| Width [mm]         |     |    |            |
|--------------------|-----|----|------------|
| ZAP/TW ZDT2.5/2    | 2.5 | 50 | 1816110000 |
| ZAP/TW ZDT2.5/2 OR | 2.5 | 50 | 1816120000 |
| ZTA ZT2.5          | 25  |    | 1827080000 |
| ZTA ZT2.5/ZA       | 25  |    | 1847600000 |
| ZVR ZP2.5          | 25  |    | 1816130000 |
| KOSF ZT2.5         | 50  |    | 1816150000 |
| ZZE ZP2.5          | 25  |    | 1816140000 |
|                    |     |    |            |
| SD 0.6 X 3.5 X 100 | 10  |    | 9008330000 |
|                    |     |    |            |
| SH 2               | 10  |    | 0494920000 |
|                    |     |    |            |
|                    |     |    |            |
| DEK 5 / WS 10/5    |     |    |            |



# WeiCoS – Plug-In Connectors

## ZP 2.5/1AN/QV

1...16-pole



5.1 x 23 x 41  
24 / 4  
0.13 ... 4

IEC 60947-7-2

| IEC | UL/CSA D    | UL/CSA C    | EN 50019 |
|-----|-------------|-------------|----------|
| 500 | 600         | 300         |          |
| 690 |             |             |          |
| 5   | 5           | 20          |          |
| 2.5 | AWG 26...12 | AWG 26...12 |          |
|     | 6 / 3       |             |          |
|     | A2 / V-0    |             |          |

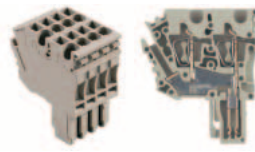


| Rated connection    | Push-on connection  |
|---------------------|---------------------|
| 0.5...4             | 0.5...4             |
| 0.5...4 / 0.5...2.5 | 0.5...4 / 0.5...2.5 |
| 10 / 0.6 x 3.5      |                     |

Flexible conductor 2.5 mm<sup>2</sup> with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

## ZP 2.5/2AN/QV

1...16-pole



5.1 x 36 x 41  
24 / 4  
0.13 ... 4

IEC 60947-7-2

| IEC | UL/CSA D    | UL/CSA C    | EN 50019 |
|-----|-------------|-------------|----------|
| 500 | 600         | 300         |          |
| 690 |             |             |          |
| 24  | 5           | 20          |          |
| 2.5 | AWG 26...12 | AWG 26...12 |          |
|     | 6 / 3       |             |          |
|     | A2 / V-0    |             |          |



| Rated connection    | Push-on 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      |                     |

Flexible conductor 2.5 mm<sup>2</sup> with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

## ZPS 2.5/1AN/QV

1...16-pole  
Coupling



5.1 x 23 x 42  
24 / 4  
0.13 ... 4

IEC 60947-7-2

| IEC | UL/CSA D    | UL/CSA C    | EN 50019 |
|-----|-------------|-------------|----------|
| 500 | 600         | 300         |          |
| 690 |             |             |          |
| 24  | 5           | 20          |          |
| 2.5 | AWG 26...12 | AWG 26...12 |          |
|     | 6 / 3       |             |          |
|     | A2 / V-0    |             |          |



| Rated connection    | Push-on 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      |                     |

Flexible conductor 2.5 mm<sup>2</sup> with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

| 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 |
| 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/1GN | 50   | 1820570000 |

| 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/9   | 10   | 1815810000 |
| 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/1GN | 50   | 1820590000 |

| Type               | Qty. | Order No.  |
|--------------------|------|------------|
| ZPS 2.5/1AN/QV/1   | 50   | 1865880000 |
| ZPS 2.5/1AN/QV/2   | 25   | 1865900000 |
| ZPS 2.5/1AN/QV/3   | 25   | 1865910000 |
| ZPS 2.5/1AN/QV/4   | 25   | 1865920000 |
| ZPS 2.5/1AN/QV/5   | 25   | 1865930000 |
| ZPS 2.5/1AN/QV/6   | 25   | 1865940000 |
| ZPS 2.5/1AN/QV/7   | 25   | 1865950000 |
| ZPS 2.5/1AN/QV/8   | 20   | 1865960000 |
| ZPS 2.5/1AN/QV/9   | 20   | 1865970000 |
| ZPS 2.5/1AN/QV/10  | 20   | 1865980000 |
| ZPS 2.5/1AN/QV/11  | 20   | 1865990000 |
| ZPS 2.5/1AN/QV/12  | 20   | 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/1GN | 25   | 1865890000 |

|              |     |                    |
|--------------|-----|--------------------|
| ZQV 2.5N/2   | 60  | 1693800000         |
| ZQV 2.5N/3   | 60  | 1693810000         |
| ZQV 2.5N/4   | 60  | 1693820000         |
| ZQV 2.5N/5   | 20  | 1693830000         |
| ZQV 2.5N/6   | 20  | 1693840000         |
| ZQV 2.5N/7   | 20  | 1693850000         |
| ZQV 2.5N/8   | 20  | 1693860000         |
| ZQV 2.5N/9   | 20  | 1693870000         |
| ZQV 2.5N/10  | 20  | 1693880000         |
| ZQV 2.5N/20  | 20  | 1909000000         |
| ZTA ZT2.5    | 25  | 1827080000         |
| SD 0.6 x 3.5 | 1   | 9008330000         |
| ZGB 30       | 20  | 1611930000         |
| ESO 7        | 240 | 1607720000         |
| STR 7        | 20  | 0515300000         |
| DEK 5        | 500 | see main catalogue |
| ZS 10/5      | 480 | 1610000000         |
| WS 10/5      | -   | 1792000000         |

|              |     |                    |
|--------------|-----|--------------------|
| ZQV 2.5N/2   | 60  | 1693800000         |
| ZQV 2.5N/3   | 60  | 1693810000         |
| ZQV 2.5N/4   | 60  | 1693820000         |
| ZQV 2.5N/5   | 20  | 1693830000         |
| ZQV 2.5N/6   | 20  | 1693840000         |
| ZQV 2.5N/7   | 20  | 1693850000         |
| ZQV 2.5N/8   | 20  | 1693860000         |
| ZQV 2.5N/9   | 20  | 1693870000         |
| ZQV 2.5N/10  | 20  | 1693880000         |
| ZQV 2.5N/20  | 20  | 1909000000         |
| ZTA ZT2.5    | 25  | 1827080000         |
| SD 0.6 x 3.5 | 1   | 9008330000         |
| ZGB 30       | 20  | 1611930000         |
| ESO 7        | 240 | 1607720000         |
| STR 7        | 20  | 0515300000         |
| DEK 5        | 500 | see main catalogue |
| ZS 10/5      | 480 | 1610000000         |
| WS 10/5      | -   | 1792000000         |

|              |     |                    |
|--------------|-----|--------------------|
| ZQV 2.5N/2   | 60  | 1693800000         |
| ZQV 2.5N/3   | 60  | 1693810000         |
| ZQV 2.5N/4   | 60  | 1693820000         |
| ZQV 2.5N/5   | 20  | 1693830000         |
| ZQV 2.5N/6   | 20  | 1693840000         |
| ZQV 2.5N/7   | 20  | 1693850000         |
| ZQV 2.5N/8   | 20  | 1693860000         |
| ZQV 2.5N/9   | 20  | 1693870000         |
| ZQV 2.5N/10  | 20  | 1693880000         |
| ZQV 2.5N/20  | 20  | 1909000000         |
| ZTA ZT2.5    | 25  | 1827080000         |
| SD 0.6 x 3.5 | 1   | 9008330000         |
| ZGB 30       | 20  | 1611930000         |
| ESO 7        | 240 | 1607720000         |
| STR 7        | 20  | 0515300000         |
| DEK 5        | 500 | see main catalogue |
| ZS 10/5      | 480 | 1610000000         |
| WS 10/5      | -   | 1792000000         |



# WeicoS – Coupling

## ZPS 2.5 / ... ZVLA DF CL

2...12-pole



5.1 x 23 x 41  
24 / 4  
0.13 ... 4

IEC 60947-7-2

| IEC | UL/CSA D    | UL/CSA C    | EN 50019 |
|-----|-------------|-------------|----------|
| 500 | 600         | 300         |          |
| 690 |             |             |          |
| 24  | 5           | 20          |          |
| 2.5 | AWG 26...12 | AWG 26...12 |          |
|     | 6 / 3       |             |          |
|     | A2 / V-0    |             |          |

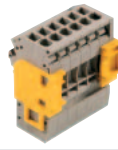


| Rated connection    | Push-on connection  |
|---------------------|---------------------|
| 0.5...4             | 0.5...4             |
| 0.5...4 / 0.5...2.5 | 0.5...4 / 0.5...2.5 |
| 10 / 0.6 x 3.5      |                     |

Flexible conductor 2.5 mm<sup>2</sup> with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

## ZPS 2.5 / ... ZVLA1

2...12-pole



5.1 x 23 x 41  
24 / 4  
0.13 ... 4

IEC 60947-7-2

| IEC | UL/CSA D    | UL/CSA C    | EN 50019 |
|-----|-------------|-------------|----------|
| 500 | 600         | 300         |          |
| 690 |             |             |          |
| 24  | 5           | 20          |          |
| 2.5 | AWG 26...12 | AWG 26...12 |          |
|     | 6 / 3       |             |          |
|     | A2 / V-0    |             |          |



| Rated connection    | Push-on 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      |                     |

Flexible conductor 2.5 mm<sup>2</sup> with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

## ZPS 2.5 / ... ZVLA DF

2...12-pole



5.1 x 23 x 41  
24 / 4  
0.13 ... 4

IEC 60947-7-2

| IEC | UL/CSA D    | UL/CSA C    | EN 50019 |
|-----|-------------|-------------|----------|
| 500 | 600         | 300         |          |
| 690 |             |             |          |
| 24  | 5           | 20          |          |
| 2.5 | AWG 26...12 | AWG 26...12 |          |
|     | 6 / 3       |             |          |
|     | A2 / V-0    |             |          |



| Rated connection    | Push-on 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      |                     |

Flexible conductor 2.5 mm<sup>2</sup> with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

| Type                  | Qty. | Order No.  |
|-----------------------|------|------------|
| ZPS 2.5/2 ZVLA DF CL  | 20   | 1887540000 |
| ZPS 2.5/3 ZVLA DF CL  | 20   | 1887540000 |
| ZPS 2.5/4 ZVLA DF CL  | 20   | 1887540000 |
| ZPS 2.5/5 ZVLA DF CL  | 10   | 1887540000 |
| ZPS 2.5/6 ZVLA DF CL  | 10   | 1887540000 |
| ZPS 2.5/7 ZVLA DF CL  | 10   | 1887540000 |
| ZPS 2.5/8 ZVLA DF CL  | 5    | 1887540000 |
| ZPS 2.5/9 ZVLA DF CL  | 10   | 1887540000 |
| ZPS 2.5/10 ZVLA DF CL | 10   | 1887540000 |
| ZPS 2.5/11 ZVLA DF CL | 10   | 1887540000 |
| ZPS 2.5/12 ZVLA DF CL | 10   | 1887540000 |
|                       |      |            |
|                       |      |            |
|                       |      |            |
|                       |      |            |
|                       |      |            |

| Type             | Qty. | Order No.  |
|------------------|------|------------|
| ZPS 2.5/2 ZVLA1  | 20   | 1886940000 |
| ZPS 2.5/3 ZVLA1  | 20   | 1886950000 |
| ZPS 2.5/4 ZVLA1  | 20   | 1887020000 |
| ZPS 2.5/5 ZVLA1  | 10   | 1887030000 |
| ZPS 2.5/6 ZVLA1  | 10   | 1887040000 |
| ZPS 2.5/7 ZVLA1  | 10   | 1887050000 |
| ZPS 2.5/8 ZVLA1  | 5    | 1887060000 |
| ZPS 2.5/9 ZVLA1  | 10   | 1887070000 |
| ZPS 2.5/10 ZVLA1 | 10   | 1887080000 |
| ZPS 2.5/11 ZVLA1 | 10   | 1887090000 |
| ZPS 2.5/12 ZVLA1 | 10   | 1887100000 |
|                  |      |            |
|                  |      |            |
|                  |      |            |
|                  |      |            |
|                  |      |            |

| Type               | Qty. | Order No.  |
|--------------------|------|------------|
| ZPS 2.5/2 ZVLA DF  | 20   | 1887280000 |
| ZPS 2.5/3 ZVLA DF  | 20   | 1887290000 |
| ZPS 2.5/4 ZVLA DF  | 20   | 1887300000 |
| ZPS 2.5/5 ZVLA DF  | 10   | 1887310000 |
| ZPS 2.5/6 ZVLA DF  | 10   | 1887320000 |
| ZPS 2.5/7 ZVLA DF  | 10   | 1887330000 |
| ZPS 2.5/8 ZVLA DF  | 5    | 1887370000 |
| ZPS 2.5/9 ZVLA DF  | 10   | 1887380000 |
| ZPS 2.5/10 ZVLA DF | 10   | 1887390000 |
| ZPS 2.5/11 ZVLA DF | 10   | 1887400000 |
| ZPS 2.5/12 ZVLA DF | 10   | 1887410000 |
|                    |      |            |
|                    |      |            |
|                    |      |            |
|                    |      |            |
|                    |      |            |

|              |     |                    |
|--------------|-----|--------------------|
| ZQV 2.5N/2   | 60  | 1693800000         |
| ZQV 2.5N/3   | 60  | 1693810000         |
| ZQV 2.5N/4   | 60  | 1693820000         |
| ZQV 2.5N/5   | 20  | 1693830000         |
| ZQV 2.5N/6   | 20  | 1693840000         |
| ZQV 2.5N/7   | 20  | 1693850000         |
| ZQV 2.5N/8   | 20  | 1693860000         |
| ZQV 2.5N/9   | 20  | 1693870000         |
| ZQV 2.5N/10  | 20  | 1693880000         |
| ZQV 2.5N/20  | 20  | 1909000000         |
| ZTA ZT2.5    | 25  | 1827080000         |
| SD 0.6 x 3.5 | 1   | 9008330000         |
| ZGB 30       | 20  | 1611930000         |
| ESO 7        | 240 | 1607720000         |
| STR 7        | 20  | 0515300000         |
| DEK 5        | 500 | see main catalogue |
| ZS 10/5      | 480 | 1610000000         |
| WS 10/5      | -   | 1792000000         |

|              |     |                    |
|--------------|-----|--------------------|
| ZQV 2.5N/2   | 60  | 1693800000         |
| ZQV 2.5N/3   | 60  | 1693810000         |
| ZQV 2.5N/4   | 60  | 1693820000         |
| ZQV 2.5N/5   | 20  | 1693830000         |
| ZQV 2.5N/6   | 20  | 1693840000         |
| ZQV 2.5N/7   | 20  | 1693850000         |
| ZQV 2.5N/8   | 20  | 1693860000         |
| ZQV 2.5N/9   | 20  | 1693870000         |
| ZQV 2.5N/10  | 20  | 1693880000         |
| ZQV 2.5N/20  | 20  | 1909000000         |
| ZTA ZT2.5    | 25  | 1827080000         |
| SD 0.6 x 3.5 | 1   | 9008330000         |
| ZGB 30       | 20  | 1611930000         |
| ESO 7        | 240 | 1607720000         |
| STR 7        | 20  | 0515300000         |
| DEK 5        | 500 | see main catalogue |
| ZS 10/5      | 480 | 1610000000         |
| WS 10/5      | -   | 1792000000         |

|              |     |                    |
|--------------|-----|--------------------|
| ZQV 2.5N/2   | 60  | 1693800000         |
| ZQV 2.5N/3   | 60  | 1693810000         |
| ZQV 2.5N/4   | 60  | 1693820000         |
| ZQV 2.5N/5   | 20  | 1693830000         |
| ZQV 2.5N/6   | 20  | 1693840000         |
| ZQV 2.5N/7   | 20  | 1693850000         |
| ZQV 2.5N/8   | 20  | 1693860000         |
| ZQV 2.5N/9   | 20  | 1693870000         |
| ZQV 2.5N/10  | 20  | 1693880000         |
| ZQV 2.5N/20  | 20  | 1909000000         |
| ZTA ZT2.5    | 25  | 1827080000         |
| SD 0.6 x 3.5 | 1   | 9008330000         |
| ZGB 30       | 20  | 1611930000         |
| ESO 7        | 240 | 1607720000         |
| STR 7        | 20  | 0515300000         |
| DEK 5        | 500 | see main catalogue |
| ZS 10/5      | 480 | 1610000000         |
| WS 10/5      | -   | 1792000000         |



# WeiCoS – Single Plates

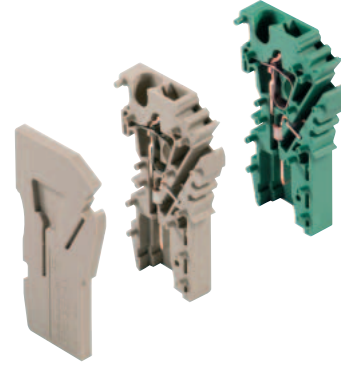
## Single plates for self-assembly

Individual WeiCoS plates increase flexibility by providing a solution to every requirement. The pluggable terminal is inserted on-site in accordance with application requirements. Each individual plate is available in green (GN) and beige (BE).

### Pluggable terminal plates ZP



### Pluggable terminal plates, coupling ZPS



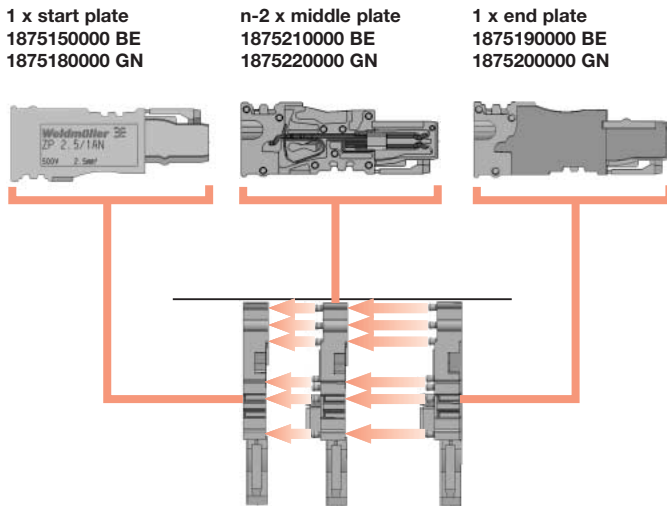
#### Ordering data

| Type                  | Qty. | Order No.  |
|-----------------------|------|------------|
| ZP 2.5/1AN            | 50   | 1875150000 |
| ZP 2.5/1AN GN         | 50   | 1875180000 |
| ZP 2.5/1AN ZA O.RA    | 50   | 1875210000 |
| ZP 2.5/1AN ZA O.RA GN | 50   | 1875220000 |
| ZP 2.5/1AN ZA         | 50   | 1875190000 |
| ZP 2.5/1AN ZA GN      | 50   | 1875200000 |

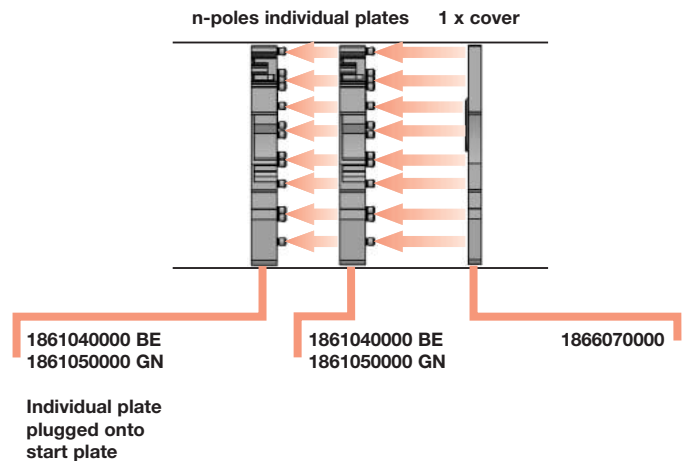
#### Ordering data

| 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 terminal:



#### Construction of coupling:



# WeiCoS – Tension Clamp Terminal Carrier

## WeiCoS feed-through terminals

WeiCoS - pluggable tension clamp terminals for rated cross-section 0.5 to 6 mm<sup>2</sup>.

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.


|  |                   |
|--|-------------------|
| <b>Width/Length/Height w.TS 35 x 7.5</b> | mm                |
| Max. current / max. cond. cross-section  | A/mm <sup>2</sup> |
| Max. clamping range                      | mm <sup>2</sup>   |

### Technical data




| Rated data   |                 |
|--|-----------------|
| Rated voltage (for PE voltage to adjoining terminal)   | V               |
| Rated current  | A               |
| Rated cross-section                                    | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity             | kV/-            |
| Plug gauge IEC 60-947-1 / flammability class acc. UL94 |                 |
| Approvals  |                 |
| Clampable conductors (H05V/H07V)                       |                 |
| Solid / stranded                                       | mm <sup>2</sup> |
| Flexible / flexible w. wire end ferrule                | mm <sup>2</sup> |
| Stripping length/ blade size                           | mm / -          |

### Information

### Ordering data

| Base terminal   |                  |
|---|------------------|
|   | dark beige Wemid |
| Plug connector  |                  |
|  |                  |
| 1-pole  | ZP 4/1AN/1       |
| 2-pole  | ZP 4/1AN/2       |
| 3-pole  | ZP 4/1AN/3       |
| 4-pole  | ZP 4/1AN/4       |
| 5-pole  | ZP 4/1AN/5       |
| 6-pole  | ZP 4/1AN/6       |
| 7-pole  | ZP 4/1AN/7       |
| 8-pole  | ZP 4/1AN/8       |
| 9-pole  | ZP 4/1AN/9       |
| 10-pole   | ZP 4/1AN/10      |
| 11-pole   | ZP 4/1AN/11      |
| 12-pole   | ZP 4/1AN/12      |
| 13-pole   | ZP 4/1AN/13      |
| 14-pole   | ZP 4/1AN/14      |
| 15-pole   | ZP 4/1AN/15      |
| 16-pole   | ZP 4/1AN/16      |
| Information   |                  |

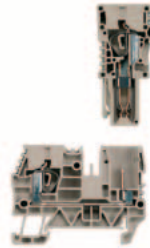
### Accessories

| Cross-connection (pluggable)  |                                |
|---|--------------------------------|
|  | 2-pole                         |
| ZQV 4   |                                |
| End plate   |                                |
|   | dark beige Wemid               |
| Other accessories WeiCoS  |                                |
|  | Locking element                |
|   | Coding element                 |
|   | Strain relief                  |
| Screwdriver   |                                |
|  | w. cutting device "swifty set" |
|   | Standard version               |
| Marking systems   |                                |
|   | Tags                           |

## ZT 4/2AN/1

4 mm<sup>2</sup>

1 tension-spring con. / 1 push-on con.



6.5 x 58 x 48.5

32 / 6

0.21 ... 6

IEC 60947-7-1 / IEC 61984

| IEC | UL          | CSA         | EN 50019 |
|-----|-------------|-------------|----------|
| 800 | 600         | 600         |          |
| 32  | 32          | 32          |          |
| 4   | AWG 26...10 | AWG 26...10 |          |
|     |             | 8 / 3       |          |
|     |             | A2 / V-0    |          |



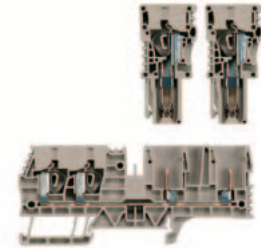
| Rated connection  | Push-on connection |
|-------------------|--------------------|
| 0.5...6           | 0.5...6            |
| 0.5...6 / 0.5...4 | 0.5...6 / 0.5...4  |
| 12 / 0.6 x 3.5    |                    |

Flexible conductor 4 mm<sup>2</sup> with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

## ZT 4/4AN/2

4 mm<sup>2</sup>

2 tension-spring con. / 2 push-on con.



6.5 x 100.5 x 48.5

32 / 6

0.21 ... 6

IEC 60947-7-1 / IEC 61984

| IEC | UL          | CSA         | EN 50019 |
|-----|-------------|-------------|----------|
| 800 | 600         | 600         |          |
| 32  | 32          | 32          |          |
| 4   | AWG 26...10 | AWG 26...10 |          |
|     |             | 8 / 3       |          |
|     |             | A2 / V-0    |          |



| Rated connection  | Push-on connection |
|-------------------|--------------------|
| 0.5...6           | 0.5...6            |
| 0.5...6 / 0.5...4 | 0.5...6 / 0.5...4  |
| 12 / 0.6 x 3.5    |                    |

Flexible conductor 4 mm<sup>2</sup> with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

| Type        | Qty. | Order No.  |
|-------------|------|------------|
| ZT 4/2AN/1  | 50   | 1854960000 |
| 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  | 25   | 1855020000 |
| ZP 4/1AN/6  | 25   | 1855030000 |
| ZP 4/1AN/7  | 25   | 1855040000 |
| ZP 4/1AN/8  | 20   | 1855050000 |
| ZP 4/1AN/9  | 25   | 1855060000 |
| ZP 4/1AN/10 | 20   | 1855070000 |
| ZP 4/1AN/11 | 25   | 1855080000 |
| ZP 4/1AN/12 | 25   | 1855090000 |
| ZP 4/1AN/13 | 25   | 1855100000 |
| ZP 4/1AN/14 | 25   | 1855110000 |
| ZP 4/1AN/15 | 25   | 1855120000 |
| ZP 4/1AN/16 | 25   | 1855130000 |

| Type        | Qty. | Order No.  |
|-------------|------|------------|
| ZT 4/4AN/2  | 50   | 1848350000 |
| 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  | 25   | 1855020000 |
| ZP 4/1AN/6  | 25   | 1855030000 |
| ZP 4/1AN/7  | 25   | 1855040000 |
| ZP 4/1AN/8  | 20   | 1855050000 |
| ZP 4/1AN/9  | 25   | 1855060000 |
| ZP 4/1AN/10 | 20   | 1855070000 |
| ZP 4/1AN/11 | 25   | 1855080000 |
| ZP 4/1AN/12 | 25   | 1855090000 |
| ZP 4/1AN/13 | 25   | 1855100000 |
| ZP 4/1AN/14 | 25   | 1855110000 |
| ZP 4/1AN/15 | 25   | 1855120000 |
| ZP 4/1AN/16 | 25   | 1855130000 |

| Current [A]   |     |    |            |
|---|-----|----|------------|
| ZQV 4/2*  | 32  | 60 | 1608950000 |
| *) Distribution of potentials only possible with pluggable cross-connections ZQV 4/2. |     |    |            |
| Width [mm]  |     |    |            |
| ZAP/TW ZT4/2AN  | 2.5 | 50 | 1855220000 |
| ZVR ZP4   | 25  |    | 1855250000 |
| KOSF ZT4  | 50  |    | 1856860000 |
| ZZE ZP4   | 25  |    | 1855260000 |
| SD 0.6 X 3.5 X 100  | 10  |    | 9008330000 |
| DEK 6 / WS 10/6   |     |    |            |

| Current [A]   |     |    |            |
|---|-----|----|------------|
| ZQV 4/2*  | 32  | 60 | 1608950000 |
| *) Distribution of potentials only possible with pluggable cross-connections ZQV 4/2. |     |    |            |
| Width [mm]  |     |    |            |
| ZAP/TW ZT4/4AN/2  | 2.5 | 50 | 1848360000 |
| ZVR ZP4   | 25  |    | 1855250000 |
| KOSF ZT4  | 50  |    | 1856860000 |
| ZZE ZP4   | 25  |    | 1855260000 |
| SD 0.6 X 3.5 X 100  | 10  |    | 9008330000 |
| DEK 6 / WS 10/6   |     |    |            |



# WeiCoS – Accessories

## WeiCoS 2.5 mm<sup>2</sup>

WeiCoS 2.5 mm<sup>2</sup> locking element  
ZVR ZP 2.5



| Type       | Qty. | Order No.  |
|------------|------|------------|
| ZVR ZP 2.5 | 25   | 1816130000 |

WeiCoS 2.5 mm<sup>2</sup> locking element  
ZVR ZPS 2.5 in connection with the  
flying coupling



| Type        | Qty. | Order No.  |
|-------------|------|------------|
| ZVR ZPS 2.5 | 20   | 1878620000 |

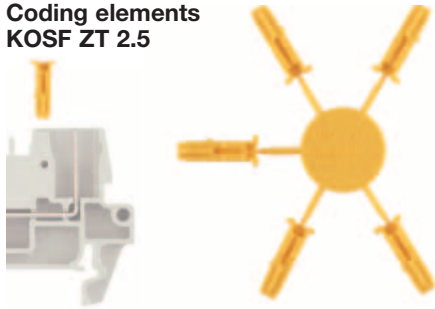
## WeiCoS 4 mm<sup>2</sup>

WeiCoS 4 mm<sup>2</sup> locking element  
ZVR ZP 4



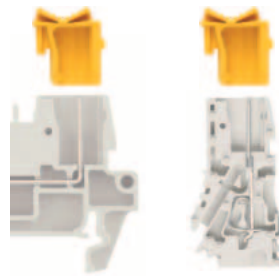
| Type     | Qty. | Order No.  |
|----------|------|------------|
| ZVR ZP 4 | 25   | 1855250000 |

Coding elements  
KOSF ZT 2.5



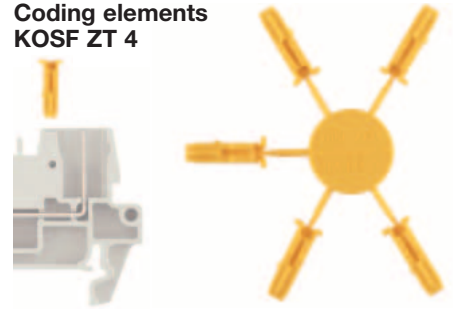
| Type        | Qty. | Order No.  |
|-------------|------|------------|
| KOSF ZT 2.5 | 50   | 1816150000 |

Protective cover



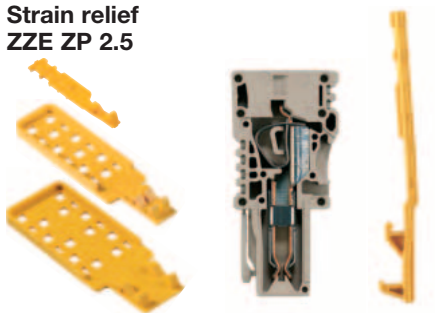
| Type             | Qty. | Order No.  |
|------------------|------|------------|
| ZAD ZT / ZPS 2.5 | 50   | 1861030000 |

Coding elements  
KOSF ZT 4



| Type      | Qty. | Order No.  |
|-----------|------|------------|
| KOSF ZT 4 | 50   | 1856860000 |

Strain relief  
ZZE ZP 2.5



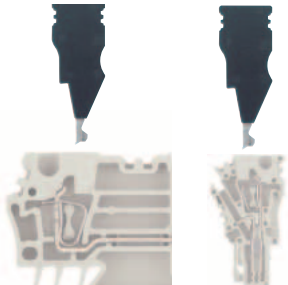
| Type                   | Qty. | Order No.  |
|------------------------|------|------------|
| ZZE ZP 2.5 – 1-polig   | 25   | 1816140000 |
| ZZE ZP 2.5/4 – 4-polig | 25   | 1866220000 |
| ZZE ZP 2.5/8 – 8-polig | 25   | 1866230000 |

Strain relief  
ZZE ZP 4



| Type     | Qty. | Order No.  |
|----------|------|------------|
| ZZE ZP 4 | 25   | 1855260000 |

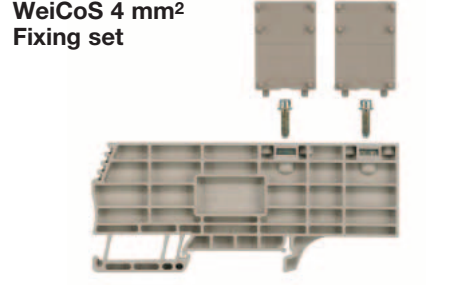
Testadapter



| Type                     | Qty. | Order No.  |
|--------------------------|------|------------|
| ZTA ZT 2.5 (without pin) | 25   | 1827080000 |
| ZTA ZT 2.5 (with pin)    | 25   | 1847600000 |

To create n-pole blocks  
1 x 1827080000 and (n-1) x 1847600000 required

WeiCoS 4 mm<sup>2</sup>  
Fixing set



| Type           | Qty. | Order No.  |
|----------------|------|------------|
| ZT2/1AN FX-Set | 20   | 1859750000 |
| ZT4/2AN FX-Set | 20   | 1859740000 |

Content of set ZT2/1AN  
FX-Set:

- 20 fixing blocks with nut
- 20 fixing brackets
- 20 M3 screws

Content of set ZT4/2AN  
FX-Set:

- 20 fixing blocks with nut
- 40 fixing brackets
- 40 M3 screws

# Assembly set – Flying coupling

**In today's industrial climate, it is hard to imagine individual applications not being modular-based.**

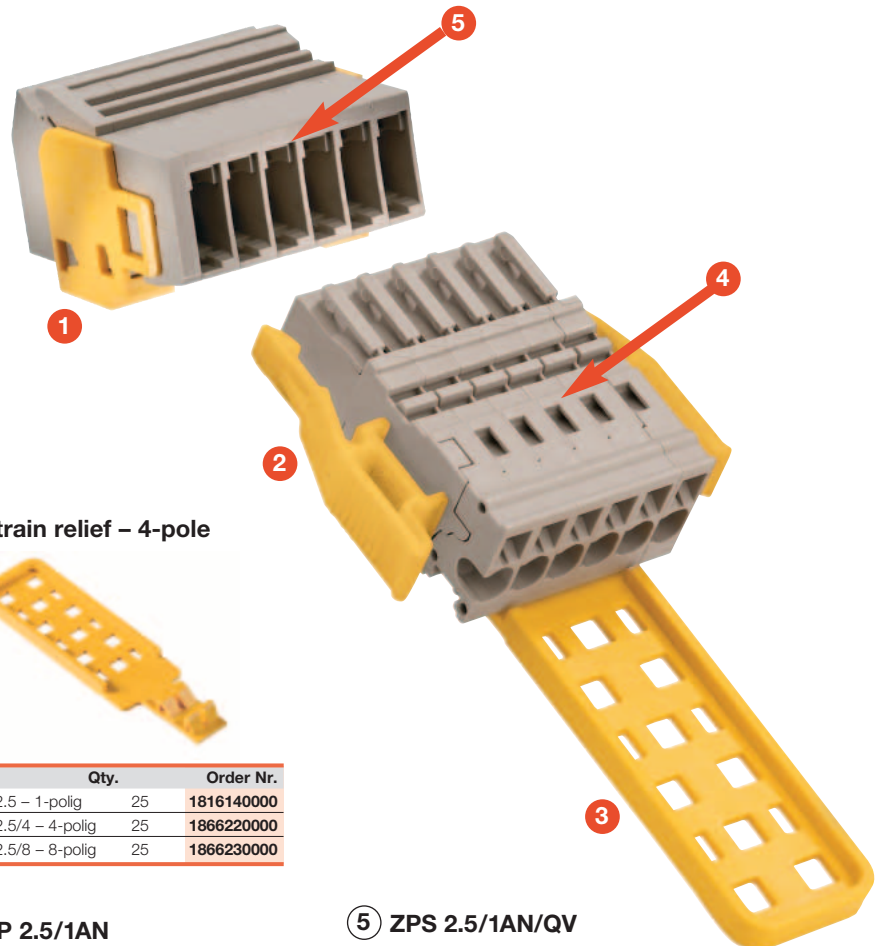
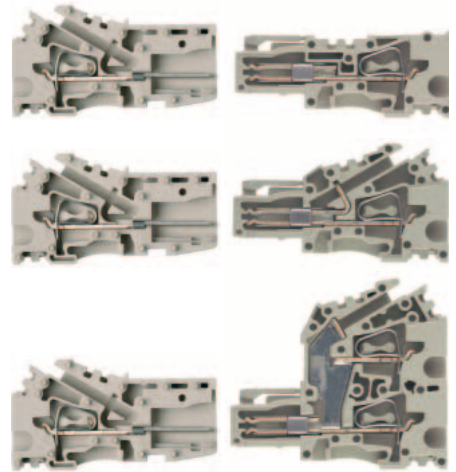
This paired with exacting specifications in respect of temperature and vibration resistance necessitates the use of specially tested products.

Highly flexible systems are in great demand in applications where functional units need to be pre-assembled or disconnected quickly. We have extended our modular concept even further with the WeiCoS flying coupling. The WeiCoS flying coupling provides the ideal solution in answer to wiring needs – without a 'cumbersome' housing.

The modular WeiCoS flying coupling concept offers a compact alternative to feed-through connectors or distribution terminals for signals and light.

Together with the WeiCoS family of plug-gable terminal blocks they create an ideal combination when constructing flexible functional units.

## Flying coupling – 3-pole plug – one line



### 1 Flying coupling



| Type          | Qty. | Order Nr.  |
|---------------|------|------------|
| ZVLA1 ZPS 2.5 | 20   | 1866250000 |

### 2 Lateral interlock



| Type        | Qty. | Order Nr.  |
|-------------|------|------------|
| ZVR ZPS 2.5 | 20   | 1878620000 |

### Alternative to 2 Central interlock



| Type       | Qty. | Order Nr.  |
|------------|------|------------|
| ZVR ZP 2.5 | 20   | 1816130000 |

### 3 Strain relief – 4-pole



| Type                   | Qty. | Order Nr.  |
|------------------------|------|------------|
| ZZE ZP 2.5 – 1-polig   | 25   | 1816140000 |
| ZZE ZP 2.5/4 – 4-polig | 25   | 1866220000 |
| ZZE ZP 2.5/8 – 8-polig | 25   | 1866230000 |

### 4 ZP 2.5/1AN



| Type         | Qty. | Order Nr.  |
|--------------|------|------------|
| ZP 2.5/1AN/6 | 25   | 1815520000 |

### 5 ZPS 2.5/1AN/QV



| Type             | Qty. | Order Nr.  |
|------------------|------|------------|
| ZPS 2.5/1AN/QV 6 | 25   | 1865940000 |

# Assembly set – Coupling

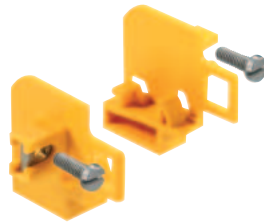
## The new possibilities

As useful as a 'flying' coupling is (it allows disconnection of a connection at any point), one does not necessarily want to allow them to fly all too freely.

That is why we have developed the following mounting fixtures for attachment purposes:

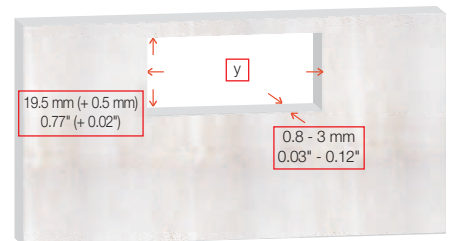
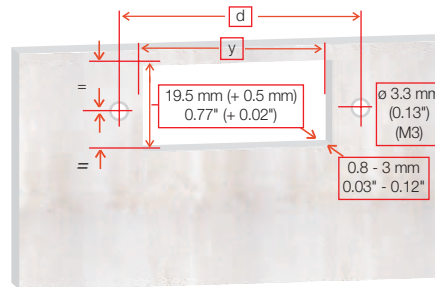
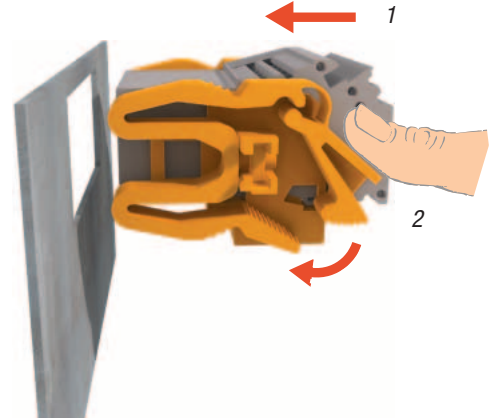
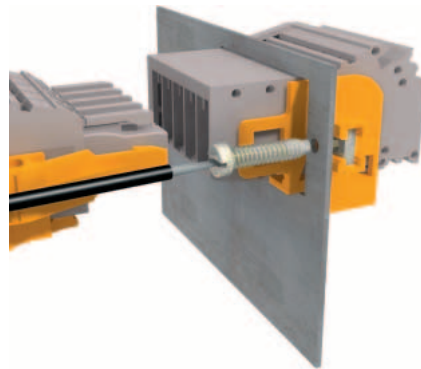
- Screw-attachment onto the mounting plate or panel wall
- Snap-on to the mounting plate or panel wall (if required, each pole can be fitted with a clip)
- Snap-on to the top-hat mounting rail TS 15 or TS 35

Coupling blocks with the required mounting fixtures already assembled provide the highlight. Please refer to pages 14-16 for more information about the preassembled coupling blocks.



| Type           | Qty. | Order Nr.  |
|----------------|------|------------|
| ZVLA DF ZPS2.5 | 20   | 1878600000 |

| Type              | Qty. | Order Nr.  |
|-------------------|------|------------|
| ZVLA DF CL ZPS2.5 | 20   | 1878610000 |



$$y = n \times 5.1 \text{ mm} + 5.5 \text{ mm} \quad y = n \times 0.25" + 0.216"$$

$$d = n \times 5.1 \text{ mm} + 13.5 \text{ mm} \quad d = n \times 0.25" + 0.53"$$

$$y = n \times 5.1 \text{ mm} + 17.5 \text{ mm}$$

$$y = n \times 0.25" + 0.69"$$

| 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 mm | 1.09"   |
| 3-pole  | 32.8 mm | 1.29"   |
| 4-pole  | 37.9 mm | 1.49"   |
| 5-pole  | 43.0 mm | 1.69"   |
| 6-pole  | 48.1 mm | 1.89"   |
| 7-pole  | 53.2 mm | 2.09"   |
| 8-pole  | 58.3 mm | 2.29"   |
| 9-pole  | 63.4 mm | 2.49"   |
| 10-pole | 68.5 mm | 2.69"   |
| 11-pole | 73.6 mm | 2.90"   |
| 12-pole | 78.7 mm | 3.10"   |
| 13-pole | 83.8 mm | 3.30"   |
| 14-pole | 88.9 mm | 3.50"   |
| 15-pole | 94.0 mm | 3.70"   |
| 16-pole | 99.1 mm | 3.90"   |

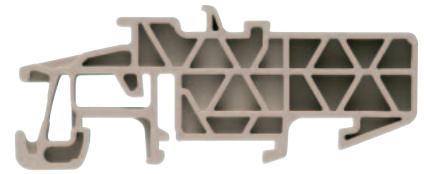
## Assembly set – Coupling



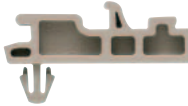
| Type            | Qty. | Order Nr.  |
|-----------------|------|------------|
| ZVLA SC ZPS 2.5 | 20   | 1866240000 |



| Type            | Qty. | Order Nr.  |
|-----------------|------|------------|
| ZVLA RC ZPS 2.5 | 20   | 1866260000 |



| Type               | Qty. | Order Nr.  |
|--------------------|------|------------|
| MOFU 15/35 ZPS 2.5 | 25   | 1899170000 |



| Type          | Qty. | Order Nr.  |
|---------------|------|------------|
| BA RC ZPS 2.5 | 100  | 1908560000 |



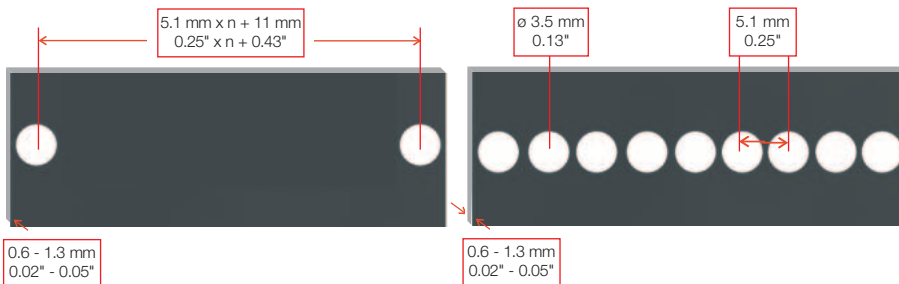
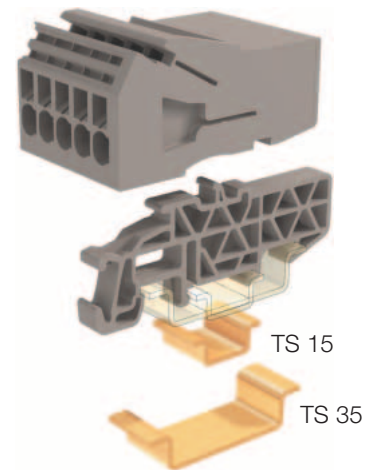
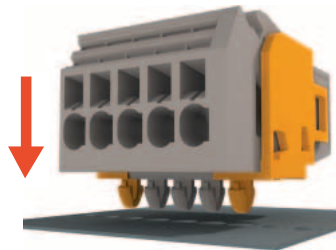
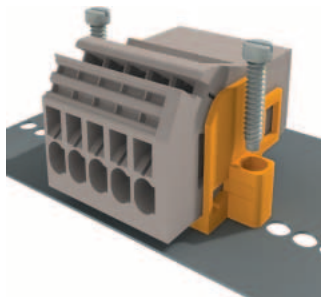
Connector support prevents the connection from breaking open

| Type       | Qty. | Order Nr.  |
|------------|------|------------|
| BA ZPS 2.5 | 100  | 1908550000 |

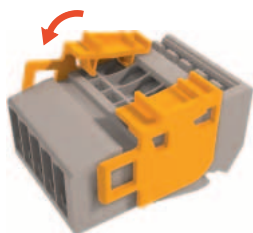


Connector support prevents the connection from breaking open

| Type       | Qty. | Order Nr.  |
|------------|------|------------|
| BA ZPS 2.5 | 100  | 1908550000 |



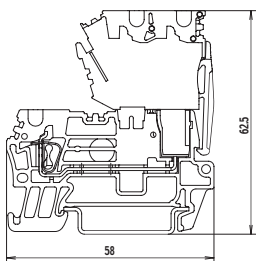
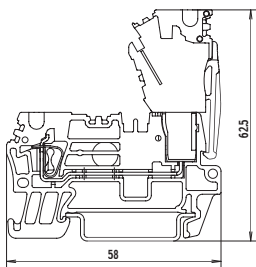
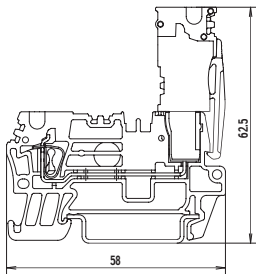
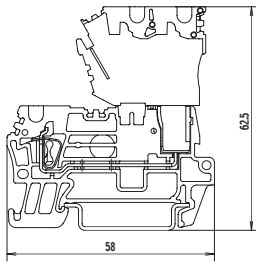
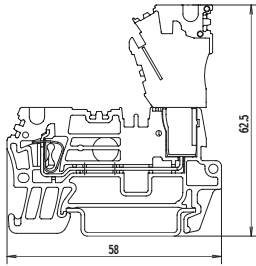
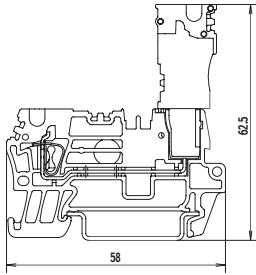
## WeiCoS



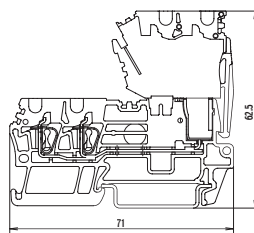
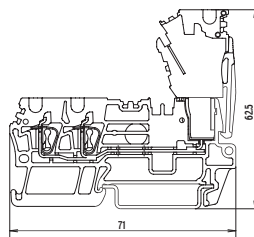
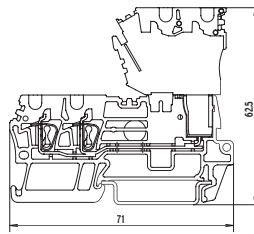
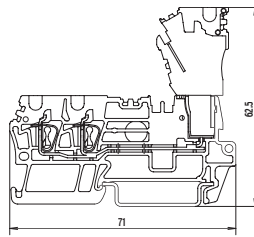
Connector system with infinite options for combinations – but the handling always remains the same!

# WeiCoS – Plug-In Combinations

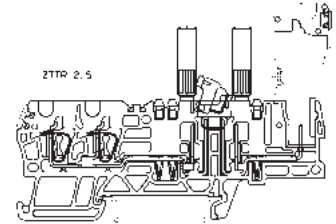
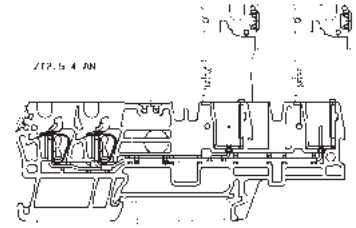
## ZT 2.5/2AN/1



## ZT 2.5/3AN/1



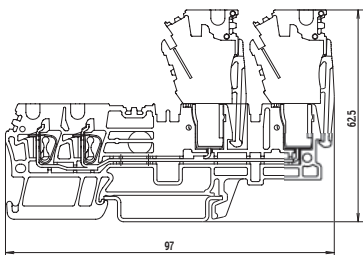
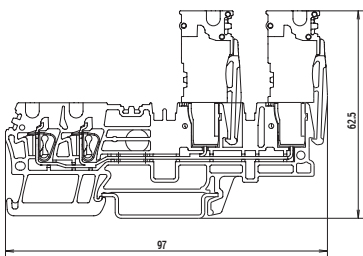
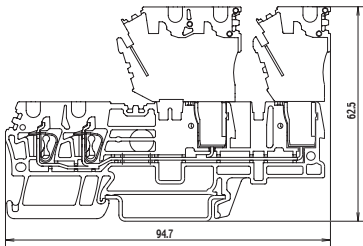
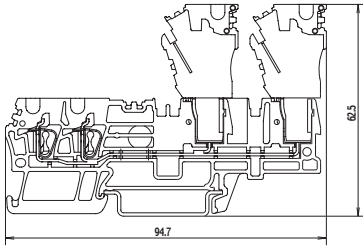
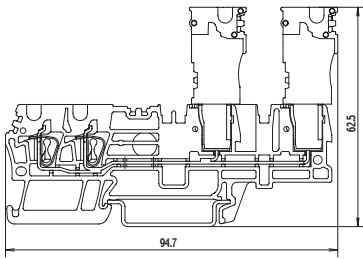
## ZTTR 2.5/3AN/1



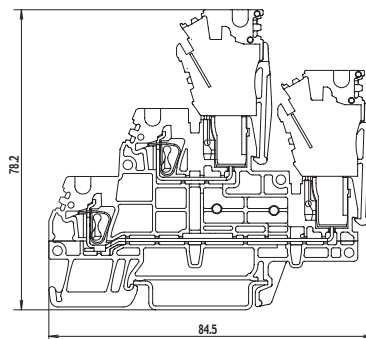
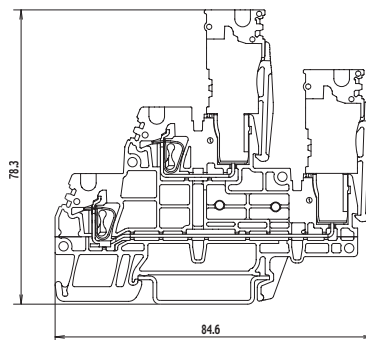
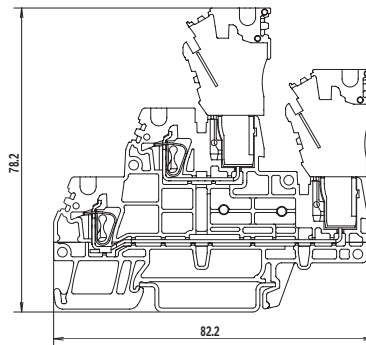
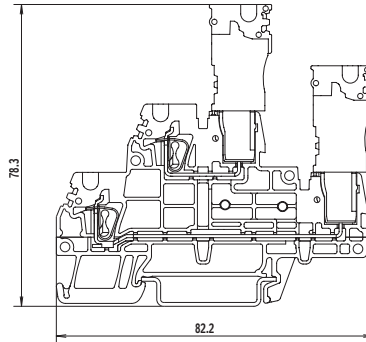
Connector alignment:  
ZTTR can be combined with ZTPE 2.5.

# WeiCoS – Plug-In Combinations

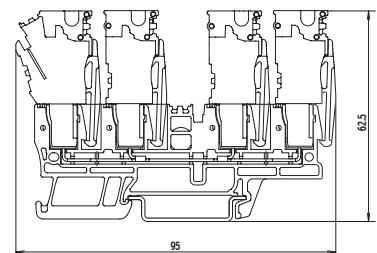
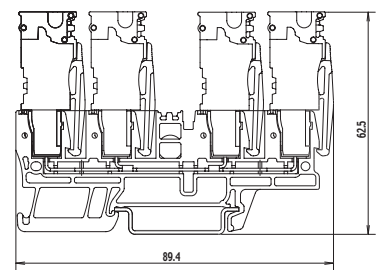
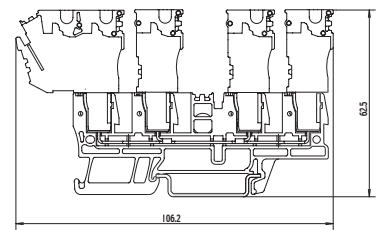
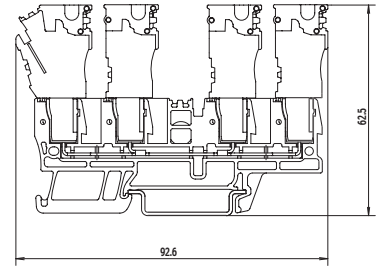
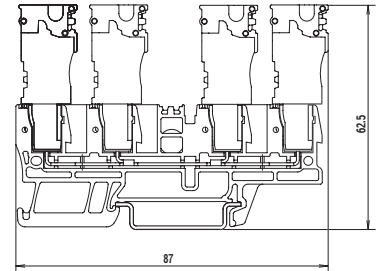
## ZT 2.5/4AN/2



## ZTD 2.5/2



## ZT 2.5/4AN/4



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