WeiCoS – Weidmüller Connection System

Pluggable Terminal Blocks with Tension Clamp Technology

Product information
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.
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 mm²
  - rated voltage: 500 V, WeiCoS 2.5 mm²
  - max voltage: 630 V, WeiCoS 2.5 mm²
- 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 mm², 32 A, 800 V
- Disconnect test terminal block for 2.5 mm²
- 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

![Image showing IDC terminal block operations]

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

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4 Weidmüller
WeiCoS – IDC Terminal Carrier

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.

Width/Length/Height w. TS 35 x 7.5 mm
Max. current / max. cond. cross-section A/mm²
Max. clamping range mm²

Technical data

Rated data
Rated voltage V
Rated current A
Rated cross-section mm²
Rated impulse voltage / Pollution severity kV/-
Plug gauge IEC 60947-1 / flammability class acc. UL94
Approvals

Clampable conductors (H05V/H07V)
Solid / stranded mm²
Flexible / flexible w. wire end ferrule mm²

Stripping length/ blade size mm / -

Information

Ordering data

Base terminal
dark beige Wemid
Plug connector
Detailed information on all versions in chapter accessories

Information

Accessories

Cross-connection (pluggable)
2-pole
3-pole
4-pole
5-pole
6-pole
8-pole
10-pole
20-pole

End plate
dark beige Wemid
Plug connector
1-pole
2-pole
3-pole
4-pole
5-pole
6-pole
8-pole
10-pole
20-pole

Test adapter
Standard version
With spigot

Other accessories WeiCoS
Locking element
Coding element
Strain relief

Screwdriver
w. cutting device “swifty set”

Marking systems
Tags

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

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WeiCoS – Tension Clamp Terminal Carrier

WeiCoS feed-through terminals

WeiCoS - pluggable tension clamp terminals for rated cross-section 0.13 to 4 mm².

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.

Width/Length/Height w. TS 35 x 7.5 mm
Max. current / max. cond. cross-section A/mm²
Max. clamping range mm²

Technical data

Rated data

Rated voltage V
Max. voltage of the terminal carrier and the assembled system V
Rated current A
Rated cross-section mm²
Rated impulse voltage / Pollution severity kV/-
Plug gauge IEC 60947-1 / flammability class acc. UL94
Approvals

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 mm² with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

Ordering data

Base terminal
dark beige Wemid
Plug connector
Detailed information on all versions in chapter accessories

Information

Accessories

Cross-connection (pluggable)

ZQV 2.5N/4
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
w. cutting device “swifty set”

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 mm²
1 tension-spring con. / 1 push-on con.

ZT 2.5/3AN/1
2.5 mm²
2 tension-spring con. / 1 push-on con.

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

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

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 60
1693880000
ZQV 2.5N/20 GE 24 60
1909000000
ZAP/TW ZT2.5/3AN 2.5 50
1816030000
ZAP/TW ZT2.5/3AN OR 2.5 50
1816040000
ZTA ZT2.5 25
1827080000
ZTA ZT2.5/2A 25
1847600000
ZVR ZP2.5 25
1816130000
KOSZ ZT2.5 50
1816150000
ZZE ZP2.5 25
1816140000
SD 0.6 X 3.5 X 100 10
9008330000
DEK 5 / WS 10/5

For detailed information on additional accessories and usage instructions, please see Catalogue I, Chapter B
WeiCoS – Tension Clamp Terminal Carrier

**ZT 2.5/4AN/2**

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

- 5.1 x 93 x 35
- 24 / 4
- 0.13 ... 4

**ZT 2.5/4AN/4**

4 push-on connections

- 5.1 x 85.5 x 35
- 24

**Rated connection**

| Flexible conductor 2.5 mm² with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5. |

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**Type** | **Qty.** | **Order No.**
--- | --- | ---
ZT 2.5/4AN/2 | 50 | 1815100000
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

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**ZQV 2.5N/2 GE** | 24 | 1693800000
ZQV 2.5N/3 GE | 24 | 1693810000
ZQV 2.5N/4 GE | 24 | 1693820000
ZQV 2.5N/10 GE | 24 | 1693880000
ZQV 2.5N/20 GE | 24 | 1909000000

- 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 ZT2.5/2A | 25 | 1847600000
ZVR ZP2.5 | 25 | 1816130000
KOSF ZT2.5 | 25 | 1816150000
ZEE ZP2.5 | 25 | 1816140000

- SD 0.6 X 3.5 X 100 10 | 9008330000
DEK 5 / WS 10/5

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**ZT 2.5/1AN/1**

50

**ZT 2.5/1AN/2**

25

**ZT 2.5/1AN/3**

25

**ZT 2.5/1AN/4**

25

**ZT 2.5/1AN/5**

25

**ZT 2.5/1AN/6**

25

**ZT 2.5/1AN/8**

20

**ZT 2.5/1AN/10**

20

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**ZQV 2.5N/4 GE** | 24 | 1693820000
ZQV 2.5N/10 GE | 24 | 1693880000
ZQV 2.5N/20 GE | 24 | 1909000000

- ZAP/TW ZT2.5/4AN/4 2.5 50 | 1816070000
ZAP/TW ZT2.5/4AN/4 OR 2.5 50 | 1816080000
ZTA ZT2.5 | 25 | 1827080000
ZTA ZT2.5/2A | 25 | 1847600000
ZVR ZP2.5 | 25 | 1816130000
KOSF ZT2.5 | 25 | 1816150000
ZEE ZP2.5 | 25 | 1816140000

- SD 0.6 X 3.5 X 100 10 | 9008330000
DEK 5 / WS 10/5

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**ZT 2.5/1AN/1**

50

**ZT 2.5/1AN/2**

25

**ZT 2.5/1AN/3**

25

**ZT 2.5/1AN/4**

25

**ZT 2.5/1AN/5**

25

**ZT 2.5/1AN/6**

25

**ZT 2.5/1AN/8**

20

**ZT 2.5/1AN/10**

20

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**ZQV 2.5N/10 GE** | 24 | 1693880000
ZQV 2.5N/20 GE | 24 | 1909000000

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**ZVR ZP2.5** | 25 | 1816130000
KOSF ZT2.5 | 25 | 1816150000
ZEE 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 mm².

Width/Length/Height w. TS 35 x 7.5

Max. current / max. cond. cross-section A/mm²

Max. clamping range mm²

Technical data

Rated data

Rated voltage V

Max. voltage of the terminal carrier and the assembled system V

Rated current A

Rated cross-section mm²

Rated impulse voltage / Pollution severity kV/-

Plug gauge IEC 60-947-1 / flammability class acc. UL94

Approvals

Clampable conductors (H05V/H07V)

Solid / stranded mm²

Flexible / flexible w. wire end ferrule mm²

Stripping length/ blade size mm / -

Information

Ordering data

Base terminal

Plug connector

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

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

Two potentials possible

5.1 x 80.5 x 52.5

/ 4

0.13 ... 4

Phase - PE conductor

5.1 x 80.5 x 52.5

24 / 4

0.13 ... 4

Flexible conductor 2.5 mm² with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

Information

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

ZQV 2.5N/2 GE 24 60 1693800000

ZQV 2.5N/3 GE 24 65 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

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 ZT2.5/2A 25 1847600000

ZVR ZP 2.5 25 1816130000

KOSF ZT2.5 50 1816150000

ZZE ZP 2.5 25 1816140000

SD 0.6 X 3.5 X 100 10 9008330000

DEK 5

Current [A]

ZDV 2.5N/2 GE 24 60 1693800000

ZDV 2.5N/3 GE 24 65 1693810000

ZDV 2.5N/4 GE 24 60 1693820000

ZDV 2.5N/10 GE 24 20 1693880000

ZDV 2.5N/20 GE 24 20 1909000000

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 ZT2.5/2A 25 1847600000

ZVR ZP 2.5 25 1816130000

KOSF ZT2.5 50 1816150000

ZZE ZP 2.5 25 1816140000

SD 0.6 X 3.5 X 100 10 9008330000

DEK 5

Width [mm]

ZDV 2.5N/2 GE 24 60 1693800000

ZDV 2.5N/3 GE 24 65 1693810000

ZDV 2.5N/4 GE 24 60 1693820000

ZDV 2.5N/10 GE 24 20 1693880000

ZDV 2.5N/20 GE 24 20 1909000000

ZAP/TW ZDT2.5/2 2.5 50 1816110000

ZAP/TW ZDT2.5/2 OR 2.5 50 1816120000

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ZVR ZP 2.5 25 1816130000

KOSF ZT2.5 50 1816150000

ZZE ZP 2.5 25 1816140000

SD 0.6 X 3.5 X 100 10 9008330000

DEK 5

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
WeiCoS – Tension Clamp Terminal Carrier

WeiCoS feed-through terminals

WeiCoS - pluggable tension clamp terminals for rated cross-section 0.13 to 4 mm².

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.

Width/Length/Height w. TS 35 x 7.5 mm
Max. current / max. cond. cross-section A / mm²
Max. clamping range mm²

Type Qty. Order No.
ZVQ 2.5/1.5 20 1720700000
ZQV 2.5N/2 60 1693800000
ZQV 2.5N/3 60 1693810000
ZQV 2.5N/4 60 1693820000
ZQV 2.5N/10 20 1693880000
ZQV 2.5N/20 20 1909000000

Accessories

Cross-connection (pluggable)

Vertical cross-connection
2-pole 3-pole 4-pole 5-pole 6-pole 8-pole 10-pole
ZDV 2.5N/4

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

Socket contact
PS 2.3

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

ZTTR 2.5/2AN/1
2.5 mm²

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

Width [mm]
5.1 x 87 x 34
20 / 4
0.13 ... 4

IC rating Push-on connection
0.5 ... 4 0.5 ... 4 / 0.5 ... 2.5
0.5 ... 4 / 0.5 ... 2.5 15 / 0.6 x 3.5

Flexible conductor 2.5 mm² with ferrule is crimped using the Weidmüller-crimping tool ZF 6/5.

Technical data

Rated data
Rated voltage V
Rated current A
Rated cross-section mm²
Rated impulse voltage / Pollution severity kV/-
Plug gauge IEC 60-947-1 / flammability class acc. UL94
Approvals

Ordering data

Base terminal dark beige Wemid
Plug connector

ZQV 2.5N/4

ZDV 2.5N/10

ZDV 2.5N/20

Type Qty. Order No.
ZTTR 2.5/2AN/1 50 1865510000
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

For detailed information on additional accessories and usage instructions, please see Catalogue I, Chapter B.
WeiCoS – Tension Clamp Terminal Carrier

WeiCoS PE - terminal
WeiCoS - pluggable terminals for conductor cross-sections 0.13 to 4 mm².

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.

Width/Length/Height w. TS 35 x 7.5 mm
Max. current / max. cond. cross-section A/mm²
Max. clamping range mm²

Technical data
Rated data
Rated cross-section mm²
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 60947-1 / flammability class acc. UL94 Approvals

Approvals
Clampable conductors (H05V/H07V)
Solid / stranded mm²
Flexible / flexible w. wire end ferrule mm²
Stripping length / blade size mm

Ordering data
Base terminal
green/yellow Wemid
Plug connector
Detailed information on all versions in chapter accessories
(ZP 2.5/1AN/QV/1)

Information
Accessories
End plate
dark beige Wemid
Test adapter
Standard version
With spigot
Other accessories
Locking element, yellow
Coding element, yellow
Strain relief, yellow
Screwdriver
w. cutting device “swiftly set”

Rail support
To arrange mounting rails in insulated systems!

PEN-bridge
Insertable in distributor TN-S net between N- and PE-terminal

Marking systems
Tags
For detailed information on additional accessories and usage instructions, please see Catalogue I, Chapter B
WeiCoS – Tension Clamp Terminal Carrier

**ZTPE 2.5/4AN/2**

- 2.5 mm²
- 2 tension-spring con. / 2 push-on con.

**ZTPE 2.5/4AN/4**

- 4 push-on con.

**ZDT 2.5/2 PE**

- 2.5 mm²
- 2 tension-spring con./ 2 push-on con.

---

**Rated connection**

<table>
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<tr>
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<td>ZVR ZP2.5</td>
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**Flexible conductor 2.5 mm² with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.**

---

**Width (mm)**

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**Flexible conductor 2.5 mm² with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.**
### WeiCoS – Plug-In Connectors

#### Width/Length/Height w. TS 35 x 7.5 mm

Max. current / max. cond. cross-section A/mm²

Max. clamping range mm²

### Technical data

<table>
<thead>
<tr>
<th>Rated data</th>
<th>Rated voltage V</th>
<th>Max. voltage of the terminal carrier and the assembled system V</th>
<th>Rated current A</th>
<th>Rated cross-section mm²</th>
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<tr>
<td>10 / 0.6 x 3.5</td>
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Flexible conductor 2.5 mm² with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

### Information

#### Ordering data

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Flexible conductor 2.5 mm² with ferrule is crimped using the Weidmüller-crimping tool PZ 6/5.

### Accessories

#### Cross-connection Version

| 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 | 18100500000 |
| ZS 10/5 | 480 | 1792000000 |

#### Test adapter

- ZTA ZT2.5

#### Screwdriver

- SD to DIN 5264-A

#### Group marking

- ZGB
- ESO
- STR

#### Marking system Imprint

- Tags DEK
- ZS neutral
- WS Middle, neutral
### WeiCoS – Plug-In Connectors

#### ZP 2.5/1AN/QV

<table>
<thead>
<tr>
<th>1...16-pole</th>
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<tbody>
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<td>24 / 4</td>
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<tr>
<td>0.13 … 4</td>
</tr>
</tbody>
</table>

#### 5.1 x 23 x 41

| 24 / 4 |
| 0.13 … 4 |

#### ZP 2.5/2AN/QV

<table>
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<td>5.1 x 36 x 41</td>
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<td>24 / 4</td>
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<td>0.13 … 4</td>
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#### 5.1 x 23 x 41

| 24 / 4 |
| 0.13 … 4 |

#### ZPS 2.5/1AN/QV

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<td>24 / 4</td>
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WeiCoS – Coupling

Technical data

Rated data
- Rated voltage V
- Max. voltage of the terminal carrier and the assembled system V
- Rated current A
- Rated cross-section mm²
- Rated impulse voltage / Pollution severity kV/

Clampable conductors (H05V/H07V)
- Solid / stranded mm²
- Flexible / flexible w. wire end ferrule mm²
- Stripping length/ blade size mm / -

Information

Ordering data

beige Wemid
- 1-pole
- 2-pole
- 3-pole
- 4-pole
- 5-pole
- 6-pole
- 7-pole
- 8-pole
- 9-pole
- 10-pole
- 11-pole
- 12-pole
- 13-pole
- 14-pole
- 15-pole
- 16-pole
- 17-pole

green Wemid
- 1-pole

Accessories

Cross-connection

Test adapter
- ZGB
- ESO
- STR

Screwdriver
- SD to DIN 5264-A

Group marking
- ZGB
- ESO
- STR

Marking system
- ZGB
- ESO
- STR

Imprint
- DEK
- ZS
- WS

Weidmüller
- see main catalogue

Vienna 2000
WeiCoS – Coupling

ZPS 2.5 / ... ZVLA DF CL
2...12-pole

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ZPS 2.5 / ... ZVLA DF
2...12-pole

<table>
<thead>
<tr>
<th>Type</th>
<th>Qty.</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZPS 2.5/2 ZVLA1</td>
<td>20</td>
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</tr>
<tr>
<td>ZPS 2.5/3 ZVLA1</td>
<td>20</td>
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</tr>
<tr>
<td>ZPS 2.5/4 ZVLA1</td>
<td>20</td>
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</tr>
<tr>
<td>ZPS 2.5/5 ZVLA1</td>
<td>20</td>
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</tr>
<tr>
<td>ZPS 2.5/6 ZVLA1</td>
<td>20</td>
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</tr>
<tr>
<td>ZPS 2.5/7 ZVLA1</td>
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<td>ZPS 2.5/8 ZVLA1</td>
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<td>ZPS 2.5/9 ZVLA1</td>
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<td>ZPS 2.5/10 ZVLA1</td>
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<td>ZPS 2.5/12 ZVLA1</td>
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</table>

ZPS 2.5 / ... ZVLA DF
2...12-pole

<table>
<thead>
<tr>
<th>Type</th>
<th>Qty.</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
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<td>ZPS 2.5/2 ZVLA DF</td>
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<tr>
<td>ZPS 2.5/3 ZVLA DF</td>
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<td>ZPS 2.5/4 ZVLA DF</td>
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<td>ZPS 2.5/5 ZVLA DF</td>
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<td>ZPS 2.5/6 ZVLA DF</td>
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<tr>
<td>ZPS 2.5/7 ZVLA DF</td>
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<td>ZPS 2.5/8 ZVLA DF</td>
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<tr>
<td>ZPS 2.5/9 ZVLA DF</td>
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<td>ZPS 2.5/10 ZVLA DF</td>
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<tr>
<td>ZPS 2.5/12 ZVLA DF</td>
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</table>

ZQV 2.5N/2

<table>
<thead>
<tr>
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<th>Order No.</th>
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</thead>
<tbody>
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<td>ZQV 2.5N/3</td>
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</tr>
<tr>
<td>ZQV 2.5N/4</td>
<td>60</td>
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<tr>
<td>ZQV 2.5N/5</td>
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</tr>
<tr>
<td>ZQV 2.5N/6</td>
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<td>1693840000</td>
</tr>
<tr>
<td>ZQV 2.5N/7</td>
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<td>ZQV 2.5N/8</td>
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<td>ZQV 2.5N/9</td>
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<td>ZQV 2.5N/10</td>
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ZTA ZT2.5

<table>
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<th>Order No.</th>
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SD 0.6 x 3.5

<table>
<thead>
<tr>
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</table>

ZGB 30

<table>
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ESD 7

<table>
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STR 7

<table>
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DEK 5

<table>
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<tr>
<td>DEK 5</td>
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ZS 10/5

<table>
<thead>
<tr>
<th>Type</th>
<th>Qty.</th>
<th>Order No.</th>
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</thead>
<tbody>
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<td>ZS 10/5</td>
<td>480</td>
<td>1610000000</td>
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</table>

WS 10/5

<table>
<thead>
<tr>
<th>Type</th>
<th>Qty.</th>
<th>Order No.</th>
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</thead>
<tbody>
<tr>
<td>WS 10/5</td>
<td>480</td>
<td>1792000000</td>
</tr>
</tbody>
</table>
WeiCoS – Coupling

**ZPS 2.5 / … ZVLA RC**

| Width/Length/Height w.TS 35 x 7.5 mm | 5.1 x 23 x 41 |
| Max. current / max. cond. cross-section A/mm² | 24 / 4 |
| Max. clamping range mm² | 0.13 ... 4 |

**Technical data**

- **Rated data**
  - Rated voltage V
  - Max. voltage of the terminal carrier and the assembled system V
  - Rated current A
  - Rated cross-section mm²
  - Rated impulse voltage / Pollution severity kW/:
  - Plug gauge IEC 60947-1 / flammability class acc. UL94
- **Approvals**
  - IEC UL/CSA D UL/CSA C EN 50019

| Clampable conductors (H05V/H07V) | mm² |
| Flexible / flexible w. wire end ferrule | mm² |
| Stripping length / blade size | mm / - |

**Information**

**Ordering data**

| Type | Qty. | Order No. |
| ZPS 2.5/2 ZVLA RC | 20 | 1887800000 |
| ZPS 2.5/3 ZVLA RC | 20 | 1887810000 |
| ZPS 2.5/4 ZVLA RC | 10 | 1887820000 |
| ZPS 2.5/5 ZVLA RC | 10 | 1887830000 |
| ZPS 2.5/6 ZVLA RC | 10 | 1887840000 |
| ZPS 2.5/7 ZVLA RC | 10 | 1887850000 |
| ZPS 2.5/8 ZVLA RC | 5 | 1887860000 |
| ZPS 2.5/9 ZVLA RC | 10 | 1887870000 |
| ZPS 2.5/10 ZVLA RC | 10 | 1887880000 |
| ZPS 2.5/11 ZVLA RC | 10 | 1887890000 |
| ZPS 2.5/12 ZVLA RC | 10 | 1887900000 |
| 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 | 1690800000 |
| ZTA ZT2.5 | 25 | 1827080000 |
| SD 0.6 x 3.5 | 1 | 9008330000 |
| DEK 5 | 500 | see main catalogue |
| DEK 5 | 480 | 1610000000 |

**Accessories**

| Cross-connection | Version |
| ZGB 30 | 20 |
| ESO 7 | 240 |
| STR 7 | 20 |
| DEK 5 | 500 |
| ZS 10/5 | 480 |
| WS 10/5 | 1792000000 |

- **Test adapter**
- **Screwdriver**
- **SD to DIN 5264-A**
- **Group marking**
  - ZGB
  - ESO
  - STR
- **Marking system**
  - Imprint
  - Tags
  - DEK
  - ZS neutral
  - WS Middle, neutral
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

<table>
<thead>
<tr>
<th>Type</th>
<th>Qty.</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZP 2.5/1AN</td>
<td>50</td>
<td>1875150000</td>
</tr>
<tr>
<td>ZP 2.5/1AN GN</td>
<td>50</td>
<td>1875180000</td>
</tr>
<tr>
<td>ZP 2.5/1AN ZA O.RA</td>
<td>50</td>
<td>1875210000</td>
</tr>
<tr>
<td>ZP 2.5/1AN ZA O.RA GN</td>
<td>50</td>
<td>1875220000</td>
</tr>
<tr>
<td>ZP 2.5/1AN ZA</td>
<td>50</td>
<td>1875190000</td>
</tr>
<tr>
<td>ZP 2.5/1AN ZA GN</td>
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<td>1875200000</td>
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</table>

Pluggable terminal plates, coupling ZPS

Ordering data

<table>
<thead>
<tr>
<th>Type</th>
<th>Qty.</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>GHDE ZPS 2.5/1AN</td>
<td>50</td>
<td>1866070000</td>
</tr>
<tr>
<td>ZPS 2.5/1AN/QV/1GN</td>
<td>50</td>
<td>1861050000</td>
</tr>
<tr>
<td>ZPS 2.5/1AN/QV</td>
<td>50</td>
<td>1861040000</td>
</tr>
</tbody>
</table>

Construction of terminal:

1 x start plate
1875150000 BE
1875180000 GN

n-2 x middle plate
1875210000 BE
1875220000 GN

1 x end plate
1875190000 BE
1875200000 GN

Construction of coupling:

n-poles individual plates
1 x cover

1861040000 BE
1861050000 GN

Individual plate plugged onto start plate

1866070000
WeiCoS – Tension Clamp Terminal Carrier

WeiCoS feed-through terminals

WeiCoS – pluggable tension clamp terminals for rated cross-section 0.5 to 6 mm².

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.

Width/Length/Height w. TS 35 x 7.5 mm
Max. current / max. cond. cross-section A/mm²
Max. clamping range mm²

Technical data

Rated data
Rated voltage (for PE voltage to adjoining terminal) V
Rated current A
Rated cross-section mm²
Rated impulse voltage / Pollution severity kV/-
Plug gauge IEC 60947-1 / flammability class acc. UL 94

Approvals

Clampable conductors (H05V/H07V)
Solid / stranded mm²
Flexible / flexible w. wire end ferrule mm²
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
7-pole
8-pole
9-pole
10-pole
11-pole
12-pole
13-pole
14-pole
15-pole
16-pole

Information

Accessories

Cross-connection (pluggable)

2-pole

End plate
Dark beige Wemid

Other accessories WeiCoS

Locking element
Coding element
Strain relief

Screwdriver
W. cutting device “swifty set”

Marking systems
Tags

ZT 4/2AN1 4 mm²

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

ZT 4/4AN2 4 mm²

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

IEC 60947-7-1 / IEC 61984

Rated connection Push-on connection

Rated data

Rated voltage (for PE voltage to adjoining terminal) V
Rated current A
Rated cross-section mm²
Rated impulse voltage / Pollution severity kV/-
Plug gauge IEC 60947-1 / flammability class acc. UL 94

Approvals

Clampable conductors (H05V/H07V)
Solid / stranded mm²
Flexible / flexible w. wire end ferrule mm²
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
7-pole
8-pole
9-pole
10-pole
11-pole
12-pole
13-pole
14-pole
15-pole
16-pole

Information

Accessories

Cross-connection (pluggable)

2-pole

End plate
Dark beige Wemid

Other accessories WeiCoS

Locking element
Coding element
Strain relief

Screwdriver
W. cutting device “swifty set”

Marking systems
Tags

ZT 4/2AN1 4 mm²

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

ZT 4/4AN2 4 mm²

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

IEC 60947-7-1 / IEC 61984

Rated connection Push-on connection

Rated data

Rated voltage (for PE voltage to adjoining terminal) V
Rated current A
Rated cross-section mm²
Rated impulse voltage / Pollution severity kV/-
Plug gauge IEC 60947-1 / flammability class acc. UL 94

Approvals

Clampable conductors (H05V/H07V)
Solid / stranded mm²
Flexible / flexible w. wire end ferrule mm²
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
7-pole
8-pole
9-pole
10-pole
11-pole
12-pole
13-pole
14-pole
15-pole
16-pole

Information

Accessories

Cross-connection (pluggable)

2-pole

End plate
Dark beige Wemid

Other accessories WeiCoS

Locking element
Coding element
Strain relief

Screwdriver
W. cutting device “swifty set”

Marking systems
Tags

ZT 4/2AN1 4 mm²

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

ZT 4/4AN2 4 mm²

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

IEC 60947-7-1 / IEC 61984

Rated connection Push-on connection

Rated data

Rated voltage (for PE voltage to adjoining terminal) V
Rated current A
Rated cross-section mm²
Rated impulse voltage / Pollution severity kV/-
Plug gauge IEC 60947-1 / flammability class acc. UL 94

Approvals

Clampable conductors (H05V/H07V)
Solid / stranded mm²
Flexible / flexible w. wire end ferrule mm²
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
7-pole
8-pole
9-pole
10-pole
11-pole
12-pole
13-pole
14-pole
15-pole
16-pole

Information

Accessories

Cross-connection (pluggable)

2-pole

End plate
Dark beige Wemid

Other accessories WeiCoS

Locking element
Coding element
Strain relief

Screwdriver
W. cutting device “swifty set”

Marking systems
Tags

ZT 4/2AN1 4 mm²

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

ZT 4/4AN2 4 mm²

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

IEC 60947-7-1 / IEC 61984

Rated connection Push-on connection

Rated data

Rated voltage (for PE voltage to adjoining terminal) V
Rated current A
Rated cross-section mm²
Rated impulse voltage / Pollution severity kV/-
Plug gauge IEC 60947-1 / flammability class acc. UL 94

Approvals

Clampable conductors (H05V/H07V)
Solid / stranded mm²
Flexible / flexible w. wire end ferrule mm²
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
7-pole
8-pole
9-pole
10-pole
11-pole
12-pole
13-pole
14-pole
15-pole
16-pole

Information

Accessories

Cross-connection (pluggable)

2-pole

End plate
Dark beige Wemid

Other accessories WeiCoS

Locking element
Coding element
Strain relief

Screwdriver
W. cutting device “swifty set”

Marking systems
Tags

ZT 4/2AN1 4 mm²

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

ZT 4/4AN2 4 mm²

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

IEC 60947-7-1 / IEC 61984

Rated connection Push-on connection

Rated data

Rated voltage (for PE voltage to adjoining terminal) V
Rated current A
Rated cross-section mm²
Rated impulse voltage / Pollution severity kV/-
Plug gauge IEC 60947-1 / flammability class acc. UL 94

Approvals

Clampable conductors (H05V/H07V)
Solid / stranded mm²
Flexible / flexible w. wire end ferrule mm²
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
7-pole
8-pole
9-pole
10-pole
11-pole
12-pole
13-pole
14-pole
15-pole
16-pole

Information

Accessories

Cross-connection (pluggable)

2-pole

End plate
Dark beige Wemid

Other accessories WeiCoS

Locking element
Coding element
Strain relief

Screwdriver
W. cutting device “swifty set”

Marking systems
Tags

ZT 4/2AN1 4 mm²

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

ZT 4/4AN2 4 mm²

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

IEC 60947-7-1 / IEC 61984

Rated connection Push-on connection

Rated data

Rated voltage (for PE voltage to adjoining terminal) V
Rated current A
Rated cross-section mm²
Rated impulse voltage / Pollution severity kV/-
Plug gauge IEC 60947-1 / flammability class acc. UL 94

Approvals

Clampable conductors (H05V/H07V)
Solid / stranded mm²
Flexible / flexible w. wire end ferrule mm²
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
7-pole
8-pole
9-pole
10-pole
11-pole
12-pole
13-pole
14-pole
15-pole
16-pole

Information

Accessories

Cross-connection (pluggable)

2-pole

End plate
Dark beige Wemid

Other accessories WeiCoS

Locking element
Coding element
Strain relief

Screwdriver
W. cutting device “swifty set”

Marking systems
Tags
WeiCoS – Tension Clamp Terminal Carrier

**ZTPE 4/2AN/1**

- 4 mm²
- 1 tension-spring con. / 1 push-on con.
- 6.5 x 58 x 48.5 / 6
- 0.21 ... 6

**ZTPE 4/4AN/2**

- 4 mm²
- 2 tension-spring con. / 2 push-on con.
- 6.5 x 100.5 x 48.5 / 6
- 0.21 ... 6

**ZP 4/1AN**

- 1...16-pole
- 6.5 x 22 x 48.5
- 32 / 6
- 0.21 ... 6

---

**Type** | **Qty.** | **Order No.**
---|---|---
ZTPE 4/2AN/1 | 50 | 1854970000
ZP 4/1AN/1 GN | 50 | 1854980000

---

**Width [mm]**

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<th>Type</th>
<th>Qty.</th>
<th>Order No.</th>
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<tbody>
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<td>ZVR ZP4</td>
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<td>KOSF ZT4</td>
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<td>ZSE ZP4</td>
<td>25</td>
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<td>SD 0.6 X 3.5 X 100</td>
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<tr>
<td>DEK 6 / WS 10/6</td>
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### WeiCoS 2.5 mm²

#### WeiCoS 2.5 mm² locking element
- **ZVR ZP 2.5**

<table>
<thead>
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<th>Type</th>
<th>Qty.</th>
<th>Order No.</th>
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</thead>
<tbody>
<tr>
<td>ZVR ZP 2.5</td>
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#### WeiCoS 2.5 mm² locking element in connection with the flying coupling
- **ZVR ZPS 2.5**

<table>
<thead>
<tr>
<th>Type</th>
<th>Qty.</th>
<th>Order No.</th>
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<tbody>
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#### Coding elements
- **KOSF ZT 2.5**

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<th>Qty.</th>
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<tr>
<td>KOSF ZT 2.5</td>
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#### Protective cover
- **ZAD ZT / ZPS 2.5**

<table>
<thead>
<tr>
<th>Type</th>
<th>Qty.</th>
<th>Order No.</th>
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<tbody>
<tr>
<td>ZAD ZT / ZPS 2.5</td>
<td>50</td>
<td>1861030000</td>
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#### Strain relief
- **ZZE ZP 2.5**

<table>
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<tr>
<th>Type</th>
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<th>Order No.</th>
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<tbody>
<tr>
<td>ZZE ZP 2.5 – 1-polig</td>
<td>25</td>
<td>1816140000</td>
</tr>
<tr>
<td>ZZE ZP 2.5/4 – 4-polig</td>
<td>25</td>
<td>1866220000</td>
</tr>
<tr>
<td>ZZE ZP 2.5/8 – 8-polig</td>
<td>25</td>
<td>1866230000</td>
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</tbody>
</table>

#### Testadapter
- **ZTA ZT 2.5 (without pin)**

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<thead>
<tr>
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<tr>
<td>ZTA ZT 2.5 (without pin)</td>
<td>25</td>
<td>1827080000</td>
</tr>
<tr>
<td>ZTA ZT 2.5 (with pin)</td>
<td>25</td>
<td>1847600000</td>
</tr>
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To create n-pole blocks:

\[ n \times 1827080000 + (n-1) \times 1847600000 \]

### WeiCoS 4 mm²

#### WeiCoS 4 mm² locking element
- **ZVR ZP 4**

<table>
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<tbody>
<tr>
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#### WeiCoS 4 mm² locking element in connection with the flying coupling
- **ZVR ZPS 4**

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<tr>
<td>ZVR ZPS 4</td>
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#### Coding elements
- **KOSF ZT 4**

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#### Strain relief
- **ZZE ZP 4**

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#### WeiCoS 4 mm² fixing set

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<tbody>
<tr>
<td>ZT2/1AN FX-Set</td>
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<td>1859750000</td>
</tr>
<tr>
<td>ZT4/2AN FX-Set</td>
<td>20</td>
<td>1859740000</td>
</tr>
</tbody>
</table>

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 pluggable terminal blocks they create an ideal combination when constructing flexible functional units.

Flying coupling – 3-pole plug – one line

1. Flying coupling
2. Lateral interlock
3. Strain relief – 4-pole
4. ZP 2.5/1AN
5. ZPS 2.5/1AN/QV

---

**Table: ZVR**

<table>
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**Table: ZZE**

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<td>1866220000</td>
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<tr>
<td>ZZE ZP 2.5/8 – 8-polig</td>
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**Table: ZVR**

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**Table: ZP**

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<td>1810520000</td>
</tr>
<tr>
<td>ZPS 2.5/1AN/QV 6</td>
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<td>1866940000</td>
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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.

| n-pole | y (mm) | inch(|) | d (mm) | inch(|) |
|--------|--------|--------|--------|--------|
| 2-pole | 19.5   | 0.77   | 0.8 - 3 | 0.03 - 0.12 |
| 3-pole | 32.8   | 1.29   | 0.8 - 3 | 0.03 - 0.12 |
| 4-pole | 48.1   | 1.89   | 0.8 - 3 | 0.03 - 0.12 |
| 5-pole | 53.2   | 2.09   | 0.8 - 3 | 0.03 - 0.12 |
| 6-pole | 58.3   | 2.29   | 0.8 - 3 | 0.03 - 0.12 |
| 7-pole | 63.4   | 2.49   | 0.8 - 3 | 0.03 - 0.12 |
| 8-pole | 68.5   | 2.69   | 0.8 - 3 | 0.03 - 0.12 |
| 9-pole | 73.6   | 2.89   | 0.8 - 3 | 0.03 - 0.12 |
| 10-pole| 78.7   | 3.09   | 0.8 - 3 | 0.03 - 0.12 |
| 11-pole| 83.8   | 3.29   | 0.8 - 3 | 0.03 - 0.12 |
| 12-pole| 88.9   | 3.49   | 0.8 - 3 | 0.03 - 0.12 |
| 13-pole| 94.0   | 3.69   | 0.8 - 3 | 0.03 - 0.12 |
| 14-pole| 99.1   | 3.89   | 0.8 - 3 | 0.03 - 0.12 |

n-pole | y (mm) |
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<tbody>
<tr>
<td>2-pole</td>
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<tr>
<td>3-pole</td>
<td>32.8</td>
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<tr>
<td>4-pole</td>
<td>37.9</td>
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<tr>
<td>5-pole</td>
<td>43.0</td>
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<tr>
<td>6-pole</td>
<td>48.1</td>
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<tr>
<td>7-pole</td>
<td>53.2</td>
</tr>
<tr>
<td>8-pole</td>
<td>58.3</td>
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<tr>
<td>9-pole</td>
<td>63.4</td>
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<td>68.5</td>
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<td>11-pole</td>
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<tr>
<td>12-pole</td>
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<tr>
<td>14-pole</td>
<td>88.9</td>
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<tr>
<td>15-pole</td>
<td>94.0</td>
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<tr>
<td>16-pole</td>
<td>99.1</td>
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</table>
Assembly set – Coupling

Connector support prevents the connection from breaking open

Connector system with infinite options for combinations – but the handling always remains the same!
WeiCoS – Plug-In Combinations

<table>
<thead>
<tr>
<th>ZT 2.5/2AN/1</th>
<th>ZT 2.5/3AN/1</th>
<th>ZTTR 2.5/3AN/1</th>
</tr>
</thead>
</table>

Connector alignment:
ZTTR can be combined with ZTPE 2.5.
### WeiCoS – Plug-In Combinations

<table>
<thead>
<tr>
<th>ZT 2.5/4AN/2</th>
<th>ZTD 2.5/2</th>
<th>ZT 2.5/4AN/4</th>
</tr>
</thead>
</table>

- **ZT 2.5/4AN/2**
  - Dimensions:
    - 507 × 40
    - 507 × 40
    - 507 × 40

- **ZTD 2.5/2**
  - Dimensions:
    - 507 × 40
    - 507 × 40
    - 507 × 40

- **ZT 2.5/4AN/4**
  - Dimensions:
    - 507 × 40
    - 507 × 40
    - 507 × 40
<table>
<thead>
<tr>
<th>Country</th>
<th>Address</th>
<th>Contact Information</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A</strong> Austria</td>
<td>Weidmüller Ges.m.b.H Industriezentrum NR Süd Straße 2, Objekt M2 2355 Werner Neufert Phone +43 2226 6708-0 Fax +43 2226 6708-199 <a href="mailto:office.at@weidmueller.com">office.at@weidmueller.com</a></td>
<td></td>
</tr>
<tr>
<td><strong>ADN</strong> Yemen</td>
<td>Please contact Weidmüller Middle East United Arab Emirates</td>
<td></td>
</tr>
<tr>
<td><strong>AUS</strong> Australia</td>
<td>Weidmüller Pty. Ltd. 43 Huntingwood Drive Huntingwood, NSW, 2148 P.O. Box 844 Blacktown NSW, 2148 Phone +61 2 9671-9999 Fax +61 2 9671-9999 <a href="mailto:info@weidmueller.com.au">info@weidmueller.com.au</a></td>
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<tr>
<td><strong>B</strong> Belgium</td>
<td>Weidmüller Benelux B.V. Ambachtshuis 11 A 3001 Heverlee Phone +32 16 395900 Fax +32 16 401051 <a href="mailto:info@weidmueller.be">info@weidmueller.be</a></td>
<td></td>
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<tr>
<td><strong>BA</strong> Bosnia-Herzegovina</td>
<td>BH-EES Elektronsistemi d.o.o. ul. J. P. Skorcia 18 79000 Banja Luka Bosnia Phone +387 51 317500 Fax +387 51 317500 <a href="mailto:elski@eleksiseco.net">elski@eleksiseco.net</a> <a href="http://www.elektronsistemi.co.yu">www.elektronsistemi.co.yu</a></td>
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<tr>
<td><strong>BG</strong> Bulgaria</td>
<td>Weid-Bul eOld ul. Nebazlava 33 A, bl. 315/3 1113 Sofia Phone +359 2 9632500 Fax +359 2 9631098 <a href="mailto:weidbul@fast.bg">weidbul@fast.bg</a></td>
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<tr>
<td><strong>BR</strong> Brazil</td>
<td>Conexis Conexoes Eletricas Ltda. Rua Garcia Lorca, 176 V. Paulicéia, 06955-900, Sao Bernardo do Campo - SP, Brasil Phone +55 11 43669600 Fax +55 11 43621677 <a href="mailto:venda@conexies.com">venda@conexies.com</a> <a href="http://www.conexies.com.br">www.conexies.com.br</a></td>
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<tr>
<td><strong>BRN</strong> Bahrain</td>
<td>Khayer Trading Company P.O. Box 1976 Manama, Bahrain Phone +973 720 747 Fax +973 720 331 <a href="mailto:khayer@bataco.com.bh">khayer@bataco.com.bh</a></td>
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<tr>
<td><strong>BY</strong> Belarus</td>
<td>TECHNIKON Ltd. Oktyabrskaya Str. 16/5 Apt. 704 220300 Minsk Belarus Tel. +375 17 2140626 Fax +375 17 2275820 <a href="mailto:technikon@belsonet.net">technikon@belsonet.net</a></td>
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<tr>
<td><strong>CDN</strong> Canada</td>
<td>W Interconnections Canada Inc. 10 Spy Court, Markham, Ontario L3R 5R6 Phone +1 905 475-1507 Fax +1 905 475-9505 <a href="mailto:info@weidmueller.ca">info@weidmueller.ca</a> <a href="http://www.weidmueller.ca">www.weidmueller.ca</a></td>
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<td><strong>CH</strong> Switzerland</td>
<td>Weidmüller Schweiz AG Rundbriefstrasse 2 8112 Neuhausen am Rheinfall Phone +41 52 6740720 Fax +41 52 6746758 <a href="mailto:mailinfo@weidmueller.ch">mailinfo@weidmueller.ch</a> <a href="http://www.weidmueller.ch">www.weidmueller.ch</a></td>
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<tr>
<td><strong>CN</strong> China</td>
<td>Weidmüller Interface International Trading (Shanghai) Co., Ltd. Unit 503-504 Central Plaza, No. 227 Huangpi N. Rd., 200033 Shanghai P.R. China Phone +86 21 63758766 Fax +86 21 63759077 <a href="mailto:china@cnweidmueller.com">china@cnweidmueller.com</a></td>
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<td>Automatizacion Avanzada S.A. Carrera 97 No. 42 A-23 B3, Santafe de Bogota Colombia Phone +57 1 4132034 Fax +57 1 4159788 <a href="mailto:magologos@automatizacionavanzada.com">magologos@automatizacionavanzada.com</a></td>
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<tr>
<td><strong>CR</strong> Costa Rica</td>
<td>ELAVTRON S.A. 400 Norte Banco Costa Rica, la Unica, San José, Costa Rica Phone +506 2 961060 Fax +506 2 960328 <a href="mailto:dink.haase@elavtron.com">dink.haase@elavtron.com</a></td>
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<tr>
<td><strong>CZ</strong> Czech Republic</td>
<td>Weidmüller s.r.o. Vodnika ul. 340 25242 Vestec u Prahy Phone +420 2 44001400 Fax +420 2 44001499 <a href="mailto:office@weidmueller.cz">office@weidmueller.cz</a></td>
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</tr>
<tr>
<td><strong>DE</strong> Germany</td>
<td>Weidmüller GmbH &amp; Co. KG Ohrnstraße 9 32758 Detmold Phone +49 5231 1428-0 Fax +49 5231 1428-116 <a href="mailto:mailinfo@weidmueller.de">mailinfo@weidmueller.de</a> <a href="http://www.weidmueller.de">www.weidmueller.de</a></td>
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</tr>
<tr>
<td><strong>DK</strong> Denmark</td>
<td>Knud Weise A/S Skattehaaren 11 P.O. Box 152 2840 Holte Phone +45 45469800 Fax +45 45469801 <a href="mailto:weose@weose.dk">weose@weose.dk</a></td>
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<td><strong>ES</strong> Spain</td>
<td>Weidmüller S. A. Narcis Monturiol 11-13 Pol Ind. Sudoste 08960 Sant Just Desvern Barcelona Phone +34 93 4803386 Fax +34 93 3718055 <a href="mailto:mailinfo@weidmueller.es">mailinfo@weidmueller.es</a> <a href="http://www.weidmueller.es">www.weidmueller.es</a></td>
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<tr>
<td><strong>ET</strong> Estonia</td>
<td>Altex Electric OÜ Tunu 6, 11318 Tallinn, Estonia Phone +372 65 18 666 Fax +372 65 19967 <a href="mailto:altex@altex.ee">altex@altex.ee</a></td>
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<td><strong>FI</strong> Finland</td>
<td>Weidmüller EURL 12, Chaussee Jules César B.P. 2630 Cony 95223 CERGY PONTOISE Cedex Phone +33 1 34245500 Fax +33 1 34245501 <a href="mailto:mail@weidmueller.fr">mail@weidmueller.fr</a> <a href="http://www.weidmueller.com">www.weidmueller.com</a></td>
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<td><strong>FR</strong> France</td>
<td>Weidmüller EURL 5, Helipolis Hospital Street, Cairo, Egypt Phone +20 2 6444182 Fax +20 2 6444191 <a href="mailto:stadelec@click.com.eg">stadelec@click.com.eg</a></td>
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<td><strong>GB</strong> United Kingdom</td>
<td>Weidmüller Ltd 1 Abbey Wood Road Kings Hill West Malling Kent ME19 4YT Phone +44 1732 877000 Fax +44 1732 878378 <a href="mailto:info@ukweidmuller.com">info@ukweidmuller.com</a> <a href="http://www.weidmueller.com">www.weidmueller.com</a></td>
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<tr>
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<td>Weidmüller Kereskedelmi Kft Dombóvár ut 13 1117 Budapest P.O. Box 22 1507 Budapest Phone +36 1 464-7888 Fax +36 1 3827701 <a href="mailto:info@weidmuller.hu">info@weidmuller.hu</a></td>
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<tr>
<td><strong>HK</strong> Hong Kong</td>
<td>United Equity Limited Suite B, 11/F International Industrial Centre 2-9 Koi Tai Street, Fotan Shatin, N. T. Phone +852 26876739 Fax +852 26876735</td>
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<tr>
<td><strong>HJ</strong> Jordan</td>
<td>Please contact Weidmüller Middle East United Arab Emirates</td>
<td></td>
</tr>
<tr>
<td><strong>HR</strong> Croatia</td>
<td>Elektro Partner d.o.o. Radnicka cesta 22 10000 Zagreb Phone +385 1 6184790 Fax +385 1 6184795 <a href="mailto:elektropartner@zg.ihnet.hr">elektropartner@zg.ihnet.hr</a></td>
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</tr>
<tr>
<td><strong>HU</strong> Italy</td>
<td>Weidmüller S.r.l. Via Albert Einstein 4 20092 Cinisello Balsamo Milano Phone +39 02 660681 Fax +39 02 6124945 <a href="mailto:mailinfo@weidmueller.it">mailinfo@weidmueller.it</a> <a href="http://www.weidmueller.it">www.weidmueller.it</a></td>
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</tr>
<tr>
<td><strong>IN</strong> India</td>
<td>Weidmüller Representative office Vidyattaran 119, Prashant Extension Whitefield Bangalore - 560 066 Phone +91 80 8453999 Fax +91 80 8453999</td>
<td></td>
</tr>
<tr>
<td><strong>IR</strong> Iran</td>
<td>JAHAN ELEKTRIK OY Kyvöpolku 6 P. O. Box 57 00681 Helsinki Phone +358 9 4784111 Fax +358 9 4784113</td>
<td></td>
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<tr>
<td><strong>IS</strong> Iceland</td>
<td>Samey Automation Center Lýngju 13, 2 101 Garoabaer, Island Phone +354 51 50020 Fax +354 51 50021 samey.is</td>
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<tr>
<td><strong>J</strong> Japan</td>
<td>Nikon Weidmüller Co. Ltd. Asahi Seimei Bldg. 11F 1-14-1 Fuchu Fuchu-shi Tokyo 183-0055, Japan Phone +81 42 330-7891 Fax +81 42 330-7886</td>
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<td><strong>K</strong> Kuwait</td>
<td>NOUR Industrial Establishment Co. P.O.Box 2925 Safat 13029 Kuwait Phone +965 3335335 Fax +965 3430485 <a href="mailto:contact@kwe-kwt.com">contact@kwe-kwt.com</a></td>
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<tr>
<td><strong>L</strong> Luxembourg</td>
<td>Please contact Weidmüller Batgen, Heverlee</td>
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</tr>
<tr>
<td><strong>LT</strong> Lithuania</td>
<td>ELEKTRUSA INGASAS Tinku g.29a, 5319 Panavegys, Lithuania Phone +370 4568282 Fax +370 45682727 <a href="mailto:info@elektrusa.lt">info@elektrusa.lt</a></td>
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</tr>
<tr>
<td><strong>LV</strong> Latvia</td>
<td>Elektrosistemmas Kūdikštos St. 51, 1045 Riga, Latvia Phone +371 50701470 Fax +371 50701471 <a href="mailto:info@elektricamas.lv">info@elektricamas.lv</a></td>
<td></td>
</tr>
<tr>
<td><strong>MA</strong> Morocco</td>
<td>Energy-Technics Transfer, S.A. 23 Boulevard Lieutenant Mohamed El Baki El Terri Casablanca 20202 Phone +212 2 343702 Fax +212 2 343639</td>
<td></td>
</tr>
</tbody>
</table>
Weidmüller is the leading manufacturer of components for electrical connection technology. The Weidmüller product portfolio ranges from terminal blocks, PCB connectors and terminals, protected components, Industrial Ethernet components and relay sockets to power supply and overvoltage protection modules suitable for all applications. Electrical installation and marking material, basic I/O components and a variety of tools round off the range. As an OEM supplier, the company sets global standards in the field of electrical connection technology.