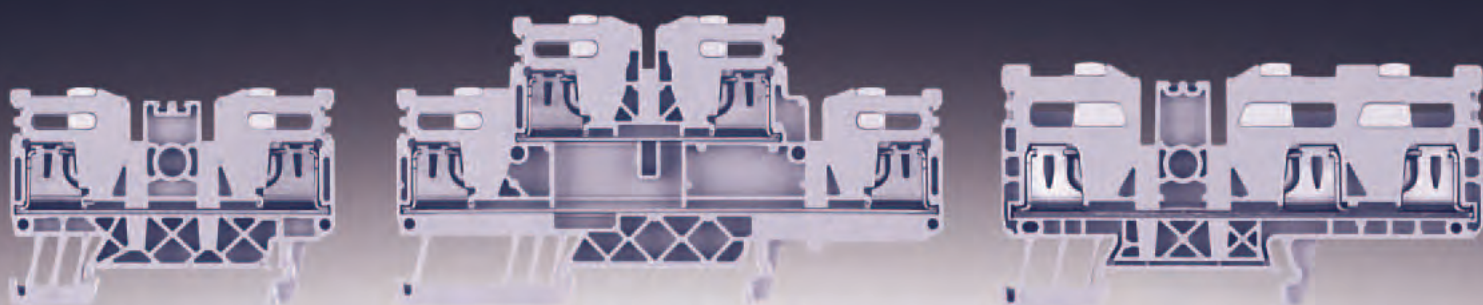


INSULATION DISPLACEMENT CONNECTION INSULATION DISPLACEMENT CONNECTION



IDC2 IDC2 IDC2 IDC2 IDC2 IDC2

IDC2

IDC2

PRODUCT INFORMATION

When good enough just isn't good enough

Weidmüller 

IDC-TECHNOLOGY

IDC is the abbreviation for Insulation Displacement Connection (otherwise known as cut and clamp technology). Innovative, more efficient, even more cost-saving as well as having the highest possible degree of contact reliability – the new generation IDC2 is the most modern product that Weidmüller presently has on offer in the field of connection technology. This tried and tested connection technology from the fields of telecommunication and electronics is now turning up trumps in industrial applications in terminal block technology.

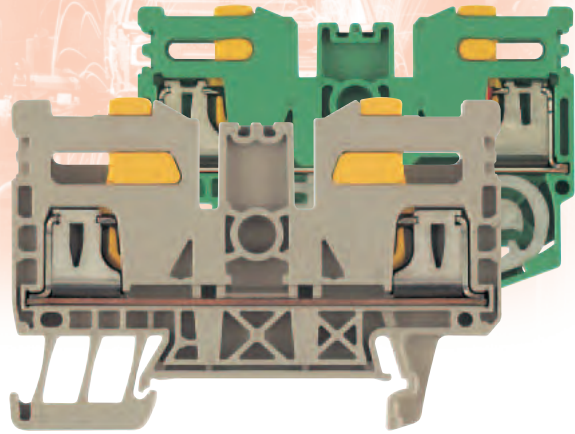
IDC connection technology requires very little effort to install, and it guarantees a reliable contact.

No stripping of insulation, no screws, no special tools.

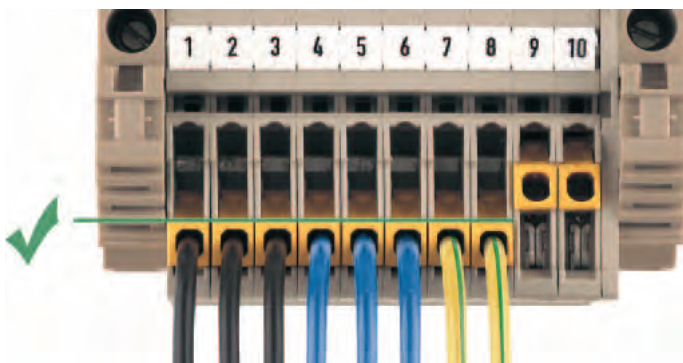
All standardised PVC cables with wire cross-sections between 0.21 and 1.5 mm² (0.5 and 2.5 mm²) can be connected.

Call us if you need to use special cables or visit our website: www.idc2.de.

We keep an up-to-date list of cables, and it is constantly being updated. If you have a cable that is not suitable for this method of connection, then our hybrid terminals could well be the answer. These terminals are available with IDC connections on the one side and on the other side they are fitted with either screw or spring connections.



REVOLUTIONARY TERMINAL TECHNOLOGY AND VISUAL FUNCTIONAL CHECK



IDC2 technology doesn't just put you at the leading edge of quality, innovation and time saving, but also when it comes to contact visibility. The position of the sliding yellow contacts tells you at a glance if the wire is reliably connected.

External tensioning

In keeping with the proven Weidmüller principle, the externally tensioned IDC contact is also used here.

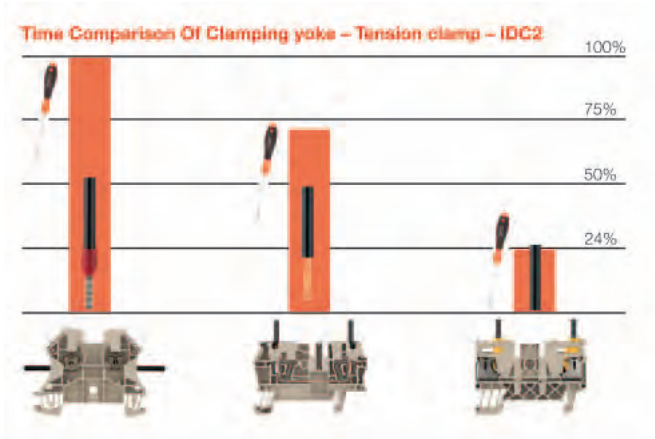
That means: **safe separation of mechanical and electrical functions**. This principle offers you the highest possible degree of safety and flexibility for the wire cross-sections to be connected.



Your advantages with IDC2

- **Visible, reliable contact**
- **Highest degree of contact safety**
- **Enormous savings in time and costs**
- **Easy to use**
- **Compact design**
- **Wide range of terminals available**
- **Cross-connection options to Weidmüller's Z-Range**
- **Diverse range of accessories**

ENORMOUS TIME SAVINGS

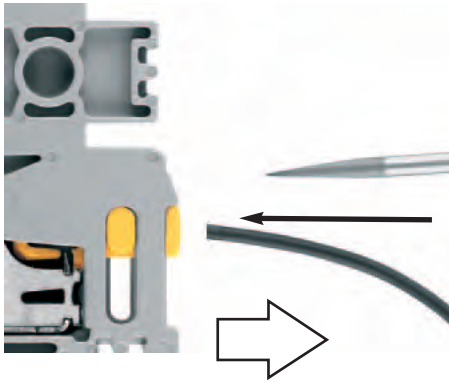


Faster connection ... more reliable contact

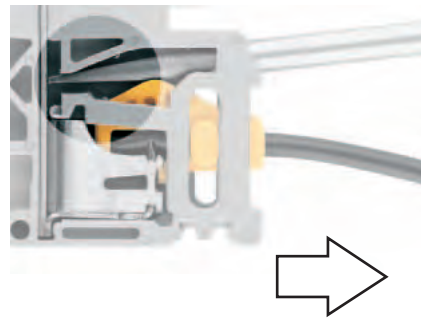
Potential timesavings of up to 76 % in comparison to traditional terminal blocks when you use IDC2 technology to connect conductors.

And that without the need for additional tools!

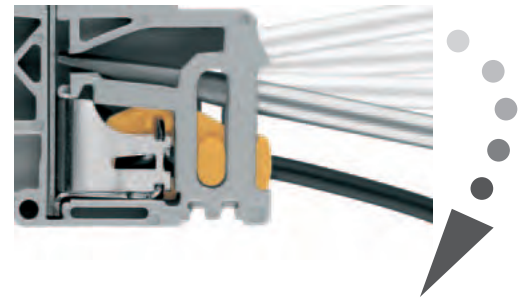
HIGHEST POSSIBLE DEGREE OF CONTACT SAFETY



The wire is cut to the required length and inserted directly into the terminal point, ...



...the screwdriver is then inserted and placed against the front of the slider.



The slider is pressed using the screwdriver the slider just locks into position.

Remove the screwdriver – the wire is secured. No stripping of insulation or crimping of ferrules, no special tools are necessary.

A LOOK INSIDE...

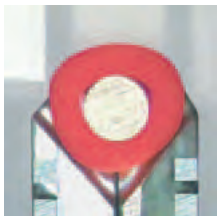


Photo 1



Photo 2



Photo 3

...illustrates the **advantage of our technology** compared with other technologies.

Photo 1 – conductor being cut into: insulation is pre-cut.

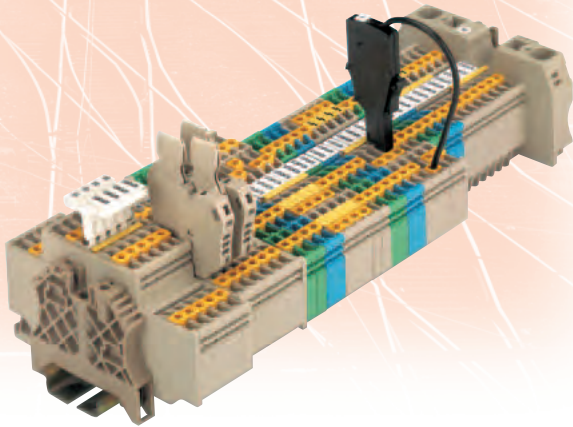
Photo 2 – conductor at the connecting stage: insulation is cut through, the first contact is made with the busbar.

Photo 3 – conductor in end position: insulation is completely cut through, extensive and reliable contact is guaranteed.



MIX IT ON THE RAIL

With IDC2 and Z-Range, you are using two top systems. IDC2 and Z-Range components can easily be connected using standard Z-Range cross-connections. Distribute the voltage via large cross-sections using Z-Range terminals (for example, supply terminal ZEI 16). Distribute via smaller cross-sections.



Approvals

Of course, the products have the required approvals or they have been applied for.

WEIDMÜLLER IS SETTING STANDARDS

Weidmüller IDC2 terminals fulfill the requirements of the IEC 60947-7-1 and -2 standards (terminal block standards) and EN 60352-4 (insulation displacement standard)

| | 1.5 mm ² | 2.5 mm ² |
|--|--|---|
| • Base conductors: | single core H05V-U: 0.5 ... 1.0 mm ² single core H07V-U: 1.5 mm ² fsingle core H05V-K: 0.5 ... 1.0 mm ² flexible core H07V-K: 1.5 mm ² sensor conductors 0.25 and 0.34 mm ² | single core H05V-U: 0.5 ... 1.0 mm ² single core H07V-U: 1.5 ... 2.5 mm ² flexible core H05V-K: 0.5 ... 1.0 mm ² flexible core H07V-K: 1.5 ... 2.5 mm ² – |
| • Insulation material of the conductor: | PVC, other insulation on request | PVC, other insulation on request |
| • Max. terminal range: | 0.21 mm ² – 1.5 mm ² < 0.5 mm ² /AWG 20 with reducing sleeve IRH 1.5 | 0.5 mm ² – 2.5 mm ² ≤ 1.0 mm ² /AWG 18 with reducing sleeve IRH 2.5 |
| • Max. external dimensions: | < = 3.0 mm (from 3.0 mm to 3.2 mm on request) | < = 3.9 mm |
| • Min. external dimensions: | < 0.5 mm ² /AWG 20: ≥ 1.3 mm | – |
| • Diameter of single core: | min. 0.1 mm | min. 0.15 mm |
| • Number of circuits: | 10 x: 9 x with the max. conductor 10th with the min. conductor | 10 x: 9 x with the max. conductor 10th with the min. conductor |
| • Temperature range | Connect/Disconnect: 0°C to +40°C, other (< 0°C) on request | Connect/Disconnect: 0°C to +40°C, other (< 0°C) on request |

A SYSTEM...

is only as good as the total of its individual components.
Our range of accessories:



Safety switch SIHA

Fuse and separate

Fuse holder SIHA
Modular disconnect test terminals and fuse terminals can be extended.



Test plug PS 2.3

Testing and maintenance

Test plug PS 2.3
With integrated testing points in all disconnect and fuse terminals.



Test adapter ITA

Test adapter ITA

In the screwdriver insert shaft of the feed-through terminals.



IAP- Partition plates / end plates

Partitions and end plates

IAP partitions/end plates
Optical separation of terminal groups; safe from finger touch with changing exterior contours.



New standard marker WS 10/5 middle

Markers

Standard markers DEK 5, WS 10
Various marking options thanks to a large standard program.
We have developed a new WS 10/5 middle based on the I-Series.



Snap Mark I

Markers for double level terminal blocks

Snap Mark I
Convenient marking of double level terminal blocks with 2 x WS 10/5 or 4 x DEK.

A WORLDWIDE FIRST FROM WEIDMÜLLER: SWIFTY® AND SWIFTY® SET

The perfect professional tool for pinch-free cutting of solid-core copper wires up to 1.5 mm² (AWG 18) and flexible core wires up to 2.5 mm² (AWG 14).

SWIFTY®:

The innovative cable cutter for attaching to non-insulated screwdrivers with a shaft diameter of 3.5 mm.

SWIFTY®SET:

The combined cut-and-screw tool comprising a Weidmüller screwdriver and the swifty®.



Your advantages

- **Potential for rationalisation:**
No need to change tools when wiring with IDC2
- **The cutting edge opens automatically and cuts precisely and straight**
- **Durable blades with a long service life**

Feed-through terminal blocks

IDU 1.5N



IDU 1.5N/3AN



Dimensions/Approvals

Width/length/height (mm) with TS 35 x 7.5 

5 / 59,5 / 40,5

5 / 78,5 / 40,5

Rating following IEC 60 947-7-1

Rated voltage/current/cross-section

500 V / 17,5 A / 1,5 mm²

500 V / 17,5 A / 1,5 mm²

Rated impulse voltage/pollution severity

6 kV 3

6 kV / 3

Further technical data

Clampable conductors:

Single core / flexible core H05V-U/K

mm²

0,5 ... 1,0

0,5 ... 1,0

Single core / flexible core H07V-U/K

mm²

1,5

1,5

fine stranded (min. individual diameter 20,1 mm)

mm²

0,25 and 0,34**

0,25 and 0,34**

AWG-conductor size

AWG

24 ... 16

24 ... 16

AWG-conductor size

mm²

0,21 ... 1,31

0,21 ... 1,31

Max. term. range in mm²/ plug guage i.a.w. IEC 60 947-1

Size

0,21 ... 1,5

0,21 ... 1,5

Permanent current of cross-connection 2-pole/multi-pole

A

17,5/17,5

17,5/17,5

Rating following UL/CSA

Rated voltage/current/cross-section

UL

300 V / 10 A / 24 ... 16 AWG

300 V / 10 A / 24 ... 16 AWG

Rated voltage/current/cross-section

CSA

300 V / 10 A / 24 ... 16 AWG

300 V / 10 A / 24 ... 16 AWG

Ordering data

| Version | Type | Part No. | Qty. |
|-------------|--------------|------------|------|
| beige Wemid | IDU 1.5 N | 1792540000 | 100 |
| blue Wemid | IDU 1.5 N BL | 1792550000 | 100 |


| Version | Type | Part No. | Qty. |
|---------|------------------|------------|------|
| | IDU 1.5 N/3AN | 1792570000 | 100 |
| | IDU 1.5 N/3AN BL | 1792580000 | 100 |

End plate/Partition

| Version | Type | Part No. | Qty. |
|-------------|--------------|------------|------|
| beige Wemid | IAP 1.5 N | 1792430000 | 50 |
| blue Wemid | IAP 1.5 N BL | 1792440000 | 50 |


| Version | Type | Part No. | Qty. |
|---------|------------------|------------|------|
| | IAP 1.5 N/3AN | 1792450000 | 50 |
| | IAP 1.5 N/3AN BL | 1792460000 | 50 |

Cross-connection***

| Version | Type | Part No. | Qty. | |
|---|---------|------------|------------|----|
| ZQV 2.5  | 2-pole | ZQV 2.5/2 | 1608860000 | 60 |
| | 3-pole | ZQV 2.5/3 | 1608870000 | 60 |
| | 4-pole | ZQV 2.5/4 | 1608880000 | 60 |
| | 5-pole | ZQV 2.5/5 | 1608890000 | 20 |
| | 6-pole | ZQV 2.5/6 | 1608900000 | 20 |
| | 7-pole | ZQV 2.5/7 | 1608910000 | 20 |
| | 8-pole | ZQV 2.5/8 | 1608920000 | 20 |
| | 9-pole | ZQV 2.5/9 | 1608930000 | 20 |
| | 10-pole | ZQV 2.5/10 | 1608940000 | 20 |
| | 50-pole | ZQV 2.5/50 | 1697540000 | 10 |

| Version | Type | Part No. | Qty. |
|------------|------|------------|------|
| ZQV 2.5/2 | | 1608860000 | 60 |
| ZQV 2.5/3 | | 1608870000 | 60 |
| ZQV 2.5/4 | | 1608880000 | 60 |
| ZQV 2.5/5 | | 1608890000 | 20 |
| ZQV 2.5/6 | | 1608900000 | 20 |
| ZQV 2.5/7 | | 1608910000 | 20 |
| ZQV 2.5/8 | | 1608920000 | 20 |
| ZQV 2.5/9 | | 1608930000 | 20 |
| ZQV 2.5/10 | | 1608940000 | 20 |
| ZQV 2.5/50 | | 1697540000 | 10 |

Test adapter

| Version | Type | Part No. | Qty. | |
|---|-------------|----------|------------|----|
| ITA  | without pin | ITA1 | 1803800000 | 25 |
| | with pin | ITA1/ZA | 1803810000 | 25 |


| Version | Type | Part No. | Qty. |
|---------|------|------------|------|
| ITA1 | | 1803800000 | 25 |
| ITA1/ZA | | 1803810000 | 25 |

Screwdriver

| Version | Type | Part No. | Qty. |
|--|--------------|------------|------|
| SD i.a.w. DIN 5264-A  | SD 0.6 x 3.5 | 9008330000 | 1 |

| Version | Type | Part No. | Qty. |
|--------------|------|------------|------|
| SD 0.6 x 3.5 | | 9008330000 | 1 |

Cable cutter „swifty“

| Version | Type | Part No. | Qty. |
|---|------|------------|------|
|  | | 9006020000 | 1 |


| Version | Type | Part No. | Qty. |
|---------|------|------------|------|
| | | 9006020000 | 1 |

Screwdriver with cable cutter „swifty®set“

| Version | Type | Part No. | Qty. |
|---|--------------|------------|------|
|  | SD 0.6 x 3.5 | 9006060000 | 1 |

| Version | Type | Part No. | Qty. |
|--------------|------|------------|------|
| SD 0.6 x 3.5 | | 9006060000 | 1 |

Cover

| Version | Type | Part No. | Qty. |
|---|--------|------------|------|
| IAD  | IAD1/4 | 1805500000 | 20 |


| Version | Type | Part No. | Qty. |
|---------|------|------------|------|
| IAD1/4 | | 1805500000 | 20 |

Group marking

| Version | Type | Part No. | Qty. |
|---|--------|------------|------|
| ZGB  | ZGB 30 | 1611930000 | 20 |
| ESO  | ESO 7 | 1607720000 | 240 |
| STR  | STR 7 | 0515300000 | 20 |




| Version | Type | Part No. | Qty. |
|---------|------|------------|------|
| ZGB 30 | | 1611930000 | 20 |
| ESO 7 | | 1607720000 | 240 |
| STR 7 | | 0515300000 | 20 |

Reducing sleeves

| Version | Type | Part No. | Qty. |
|---|---------|------------|------|
| IRH for conductor 0.25 and 0.34 mm ²  | IRH 1.5 | 1804510000 | 100 |

| Version | Type | Part No. | Qty. |
|---------|------|------------|------|
| IRH 1.5 | | 1804510000 | 100 |

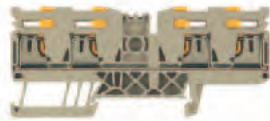
Marking tags

| Version | Type | Part No. | Qty. | |
|---|-------------------|----------|--------------------|-----|
| DEK  | DEK | DEK 5 | see main catalogue | |
| ZS  | ZS neutral | ZS 10/5 | 1610000000 | 480 |
| WS  | WS middle neutral | WS10/5 | 1792000000 | - |
| Snap Mark I) | - | - | - | |

| Version | Type | Part No. | Qty. |
|---------|------|--------------------|------|
| DEK 5 | | see main catalogue | |
| ZS 10/5 | | 1610000000 | 480 |
| WS10/5 | | 1792000000 | - |
| - | | - | - |

Feed-through terminal blocks

IDU 1.5N/4AN



5 / 93.5 / 40.5

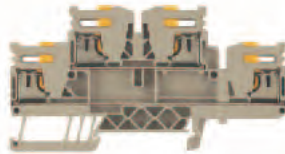
500 V / 17.5 A / 1.5 mm²
6 kV / 3

0.5 ... 1.0
1.5
0.25 and 0.34**
24 ... 16
0.21 ... 1.31
0.21 ... 1.5
17.5/17.5

300 V / 10 A / 24 ... 16 AWG
300 V / 10 A / 24 ... 16 AWG

| Type | Part No. | Qty. |
|------------------|--------------------|------|
| IDU 1.5 N/4AN | 1792600000 | 100 |
| IDU 1.5 N/4AN BL | 1792610000 | 100 |
| IAP 1.5 N/4AN | 1792470000 | 25 |
| IAP 1.5 N/4AN BL | 1792480000 | 25 |
| ZQV 2.5/2 | 1608860000 | 60 |
| ZQV 2.5/3 | 1608870000 | 60 |
| ZQV 2.5/4 | 1608880000 | 60 |
| ZQV 2.5/5 | 1608890000 | 20 |
| ZQV 2.5/6 | 1608900000 | 20 |
| ZQV 2.5/7 | 1608910000 | 20 |
| ZQV 2.5/8 | 1608920000 | 20 |
| ZQV 2.5/9 | 1608930000 | 20 |
| ZQV 2.5/10 | 1608940000 | 20 |
| ZQV 2.5/50 | 1697540000 | 10 |
| ITA1 | 1803800000 | 25 |
| ITA1/ZA | 1803810000 | 25 |
| SD 0.6 x 3.5 | 9008330000 | 1 |
| | 9006020000 | 1 |
| SD 0.6 x 3.5 | 9006060000 | 1 |
| IAD1/4 | 1805500000 | 20 |
| ZGB 30 | 1611930000 | 20 |
| ESO 7 | 1607720000 | 240 |
| STR 7 | 0515300000 | 20 |
| IRH 1.5 | 1804510000 | 100 |
| DEK 5 | see main catalogue | |
| ZS 10/5 | 1610000000 | 480 |
| WS10/5 | 1792000000 | - |
| - | 1805880000 | 25 |

IDK1.5 N



5 / 100 / 54

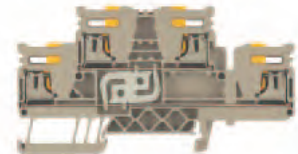
500 V / 17.5 A / 1.5 mm²
6 kV / 3

0.5 ... 1.0
1.5
0.25 and 0.34**
24 ... 16
0.21 ... 1.31
0.21 ... 1.5
17.5/17.5

300 V / 10 A / 24 ... 16 AWG
300 V / 10 A / 24 ... 16 AWG

| Type | Part No. | Qty. |
|-----------------|--------------------|------|
| IDK 1.5 N | 1792650000 | 50 |
| IDK 1.5 N BL | 1792660000 | 50 |
| IAP 1.5 N/DK | 1792520000 | 25 |
| IAP 1.5 N/DK BL | 1792530000 | 25 |
| ZQV 2.5/2 | 1608860000 | 60 |
| ZQV 2.5/3 | 1608870000 | 60 |
| ZQV 2.5/4 | 1608880000 | 60 |
| ZQV 2.5/5 | 1608890000 | 20 |
| ZQV 2.5/6 | 1608900000 | 20 |
| ZQV 2.5/7 | 1608910000 | 20 |
| ZQV 2.5/8 | 1608920000 | 20 |
| ZQV 2.5/9 | 1608930000 | 20 |
| ZQV 2.5/10 | 1608940000 | 20 |
| ZQV 2.5/50 | 1697540000 | 10 |
| ITA1 | 1803800000 | 25 |
| ITA1/ZA | 1803810000 | 25 |
| SD 0.6 x 3.5 | 9008330000 | 1 |
| | 9006020000 | 1 |
| SD 0.6 x 3.5 | 9006060000 | 1 |
| IAD1/4 | 1805500000 | 20 |
| ZGB 30 | 1611930000 | 20 |
| ESO 7 | 1607720000 | 240 |
| STR 7 | 0515300000 | 20 |
| IRH 1.5 | 1804510000 | 100 |
| DEK 5 | see main catalogue | |
| ZS 10/5 | 1610000000 | 480 |
| WS10/5 | 1792000000 | - |
| - | 1805880000 | 25 |

IDK 1.5N/V



5 / 100 / 54

500 V / 17.5 A / 1.5 mm²
6 kV / 3

0.5 ... 1.0
1.5
0.25 and 0.34**
24 ... 16
0.21 ... 1.31
0.21 ... 1.5
17.5/17.5

300 V / 10 A / 24 ... 16 AWG
300 V / 10 A / 24 ... 16 AWG

| Type | Part No. | Qty. |
|--------------|--------------------|------|
| IDK 1.5 N/V | 1792680000 | 50 |
| IAP 1.5 N/DK | 1792520000 | 25 |
| ZQV 2.5/2 | 1608860000 | 60 |
| ZQV 2.5/3 | 1608870000 | 60 |
| ZQV 2.5/4 | 1608880000 | 60 |
| ZQV 2.5/5 | 1608890000 | 20 |
| ZQV 2.5/6 | 1608900000 | 20 |
| ZQV 2.5/7 | 1608910000 | 20 |
| ZQV 2.5/8 | 1608920000 | 20 |
| ZQV 2.5/9 | 1608930000 | 20 |
| ZQV 2.5/10 | 1608940000 | 20 |
| ZQV 2.5/50 | 1697540000 | 10 |
| ITA1 | 1803800000 | 25 |
| ITA1/ZA | 1803810000 | 25 |
| SD 0.6 x 3.5 | 9008330000 | 1 |
| | 9006020000 | 1 |
| SD 0.6 x 3.5 | 9006060000 | 1 |
| IAD1/4 | 1805500000 | 20 |
| ZGB 30 | 1611930000 | 20 |
| ESO 7 | 1607720000 | 240 |
| STR 7 | 0515300000 | 20 |
| IRH 1.5 | 1804510000 | 100 |
| DEK 5 | see main catalogue | |
| ZS 10/5 | 1610000000 | 480 |
| WS 8/5 | 1640740000 | - |
| - | | |

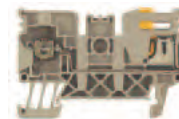
1) Marking tag for IDK 1.5 N ** with IRH 1.5 *** Reduced voltage ratings result from the use of cross-connections. Details available on request.

Feed-through terminal blocks

IDU 1.5N/ZF



IDU 1.5N/ZB



Dimensions/Approvals

Width/length/height (mm) with TS 35 x 7.5  5 / 59.5 / 40.5
 Insulation stripping length mm 10

Rating following IEC 60 947-7-1

Rated voltage/current/cross-section 500 V / 17.5 A / 1.5 mm²
 Rated impulse voltage/pollution severity 6 kV / 3

Further technical data

Clampable conductors:
 Single core / flexible core H05V-U/K mm² 0.5 ... 1.0
 Single core / flexible core H07V-U/K mm² 1.5
 fine stranded (min. individual diameter 20.1 mm) mm² 0.25 and 0.34**
 AWG-conductor size AWG 24 ... 16

"f" with ferrules in accordance with DIN 46 228/1* mm² –
 "f" with ferrules with plastic collar mm² –

Max. term. range in mm²/ plug gauge i.a.w. IEC 60 947-1 Size 0.21 ... 1.5

Permanent current of cross-connection 2-pole/multi-pole A 17.5/17.5

Tightening torque range Nm –

Rating following UL/CSA

Rated voltage/current/cross-section UL 300 V / 10 A / 24 ... 16 AWG
 Rated voltage/current/cross-section CSA 300 V / 10 A / 24 ... 16 AWG

| Ordering data | Version | Type | Part No. | Qty. |
|---------------|-------------|-----------------|------------|------|
| | beige Wemid | IDU 1.5 N/ZF | 1792700000 | 100 |
| | blue Wemid | IDU 1.5 N/ZF BL | 1792710000 | 100 |


End plate/Partition

| IAP | Thickness = 2 mm | Version | Type | Part No. | Qty. |
|---|------------------|-------------|--------------|------------|------|
|  | | beige Wemid | IAP 1.5 N | 1792430000 | 50 |
| | | blue Wemid | IAP 1.5 N BL | 1792440000 | 50 |

Cross-connection***

| ZQV 2.5 | Version | Type | Part No. | Qty. |
|---|---------|------------|------------|------|
|  | 2-pole | ZQV 2.5/2 | 1608860000 | 60 |
| | 3-pole | ZQV 2.5/3 | 1608870000 | 60 |
| | 4-pole | ZQV 2.5/4 | 1608880000 | 60 |
| | 5-pole | ZQV 2.5/5 | 1608890000 | 20 |
| | 6-pole | ZQV 2.5/6 | 1608900000 | 20 |
| | 7-pole | ZQV 2.5/7 | 1608910000 | 20 |
| | 8-pole | ZQV 2.5/8 | 1608920000 | 20 |
| | 9-pole | ZQV 2.5/9 | 1608930000 | 20 |
| | 10-pole | ZQV 2.5/10 | 1608940000 | 20 |
| | 50-pole | ZQV 2.5/50 | 1697540000 | 10 |


Test adapter

| ITA | Version | Type | Part No. | Qty. |
|---|-------------|---------|------------|------|
|  | without pin | ITA1 | 1803800000 | 25 |
| | with pin | ITA1/ZA | 1803810000 | 25 |

Screwdriver

| SD i.a.w. DIN 5264-A | Type | Part No. | Qty. |
|---|--------------|------------|------|
|  | SD 0.6 x 3.5 | 9008330000 | 1 |


Cable cutter „swifty“

| Type | Part No. | Qty. |
|---|------------|------|
|  | 9006020000 | 1 |

Screwdriver with cable cutter „swifty®set“

| Type | Part No. | Qty. | |
|---|--------------|------------|---|
|  | SD 0.6 x 3.5 | 9006060000 | 1 |

Cover

| IAD | Part No. | Qty. | |
|---|----------|------------|----|
|  | IAD1/4 | 1805500000 | 20 |

Group marking

| ZGB | Part No. | Qty. | |
|---|----------|------------|-----|
|  | ZGB 30 | 1611930000 | 20 |
| ESO | ESO 7 | 1607720000 | 240 |
| STR | STR 7 | 0515300000 | 20 |

Reducing sleeves

| IRH for conductor 0.25 and 0.34 mm ² | Part No. | Qty. | |
|---|----------|------------|-----|
|  | IRH 1.5 | 1804510000 | 100 |

Marking tags

| DEK | Print | Part No. | Qty. |
|--|-------------------|--------------------|------|
|  | DEK | see main catalogue | |
| | ZS neutral | 1610000000 | 480 |
| | WS middle neutral | 1792000000 | – |

Width/length/height (mm) 5 / 59.5 / 40.5
 Insulation stripping length mm 10

Rated voltage/current/cross-section 500 V / 17.5 A / 1.5 mm²
 Rated impulse voltage/pollution severity 6 kV / 3

Further technical data

Clampable conductors:
 Single core / flexible core H05V-U/K mm² 0.5 ... 1.0
 Single core / flexible core H07V-U/K mm² 1.5
 fine stranded (min. individual diameter 20.1 mm) mm² 0.25 and 0.34**
 AWG-conductor size AWG 24 ... 16

"f" with ferrules in accordance with DIN 46 228/1* mm² –
 "f" with ferrules with plastic collar mm² –

Max. term. range in mm²/ plug gauge i.a.w. IEC 60 947-1 Size 0.21 ... 1.5

Permanent current of cross-connection 2-pole/multi-pole A 17.5/17.5

Tightening torque range Nm –

Rating following UL/CSA


Rated voltage/current/cross-section UL 300 V / 10 A / 24 ... 16 AWG
 Rated voltage/current/cross-section CSA 300 V / 10 A / 24 ... 16 AWG

| Ordering data | Version | Type | Part No. | Qty. |
|---------------|-------------|-----------------|------------|------|
| | beige Wemid | IDU 1.5 N/ZB | 1792730000 | 100 |
| | blue Wemid | IDU 1.5 N/ZB BL | 1792740000 | 100 |

End plate/Partition

| IAP | Thickness = 2 mm | Version | Type | Part No. | Qty. |
|---|------------------|-------------|--------------|------------|------|
|  | | beige Wemid | IAP 1.5 N | 1792430000 | 50 |
| | | blue Wemid | IAP 1.5 N BL | 1792440000 | 50 |


Cross-connection***

| ZQV 2.5 | Version | Type | Part No. | Qty. |
|---|---------|------------|------------|------|
|  | 2-pole | ZQV 2.5/2 | 1608860000 | 60 |
| | 3-pole | ZQV 2.5/3 | 1608870000 | 60 |
| | 4-pole | ZQV 2.5/4 | 1608880000 | 60 |
| | 5-pole | ZQV 2.5/5 | 1608890000 | 20 |
| | 6-pole | ZQV 2.5/6 | 1608900000 | 20 |
| | 7-pole | ZQV 2.5/7 | 1608910000 | 20 |
| | 8-pole | ZQV 2.5/8 | 1608920000 | 20 |
| | 9-pole | ZQV 2.5/9 | 1608930000 | 20 |
| | 10-pole | ZQV 2.5/10 | 1608940000 | 20 |
| | 50-pole | ZQV 2.5/50 | 1697540000 | 10 |

Test adapter

| ITA | Version | Type | Part No. | Qty. |
|---|-------------|---------|------------|------|
|  | without pin | ITA1 | 1803800000 | 25 |
| | with pin | ITA1/ZA | 1803810000 | 25 |


Screwdriver

| SD i.a.w. DIN 5264-A | Type | Part No. | Qty. |
|---|--------------|------------|------|
|  | SD 0.6 x 3.5 | 9008330000 | 1 |


Cable cutter „swifty“

| Type | Part No. | Qty. |
|---|------------|------|
|  | 9006020000 | 1 |


Screwdriver with cable cutter „swifty®set“

| Type | Part No. | Qty. | |
|---|--------------|------------|---|
|  | SD 0.6 x 3.5 | 9006060000 | 1 |


Cover

| IAD | Part No. | Qty. | |
|---|----------|------------|----|
|  | IAD1/4 | 1805500000 | 20 |

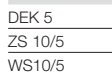
Group marking

| ZGB | Part No. | Qty. | |
|---|----------|------------|-----|
|  | ZGB 30 | 1611930000 | 20 |
| ESO | ESO 7 | 1607720000 | 240 |
| STR | STR 7 | 0515300000 | 20 |

Reducing sleeves

| IRH for conductor 0.25 and 0.34 mm ² | Part No. | Qty. | |
|---|----------|------------|-----|
|  | IRH 1.5 | 1804510000 | 100 |

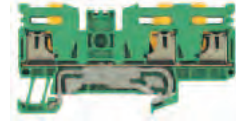
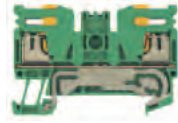
Marking tags

| DEK | Print | Part No. | Qty. |
|---|------------|--------------------|------|
|  | DEK | see main catalogue | |
| | ZS neutral | 1610000000 | 480 |
| | WS10/5 | 1792000000 | – |

Protective conductor terminal blocks

IPE 1.5N

IPE 1.5N/3AN



Dimensions/Approvals

Width/length/height (mm) with TS 35 x 7.5  5 / 59.5 / 40.5

Insulation stripping length mm

Rating following IEC 60 947-7-1

Rated voltage/current PEN/cross-section -V / -A / 1.5 mm²

Rated voltage/rated impulse voltage/pollution severity 500 V / 6 kV / 3

I.a.w VDE 0110/1.89 to adjacent terminal

Further technical data

Clampable conductors:

Single core / flexible core H05V-U/K mm² 0.5 ... 1.0

Single core / flexible core H07V-U/K mm² 1.5

fine stranded (min. individual diameter 20.1 mm) mm² 0.25 and 0.34**

AWG-conductor size AWG 24 ... 16

mm² 0.21 ... 1.31

"f" with ferrules in accordance with DIN 46 228/1* mm² -

"f" with ferrules with plastic collar* mm² -

Max. term. range in mm²/ plug gauge i.a.w. IEC 60 947-1 Size 0.21 ... 1.5

Tightening torque range Nm -

Rating following UL/CSA

Rated voltage/current/cross-section UL 300 V / - A / 24 ... 16 AWG

Rated voltage/current/cross-section CSA 300 V / - A / 24 ... 16 AWG

Ordering data

Version green/yellow Wemid

End plate/Partition Version beige Wemid

IAP Thickness = 2 mm

Rail support

SH For insulated arrangement of mounted rails in isolated installations.

Test adapter Version without pin

ITA with pin

Screwdriver

SD i.a.w DIN 5264-A

Cable cutter „swifty“

Screwdriver with cable cutter „swifty@set“

Group marking

ZGB Back snap-on tag

ESO Transparent protective cover

STR

Reducing sleeves

IRH for conductor 0.25 and 0.34 mm²

Marking tags

DEK Standard

ZS neutral

WS middle neutral

5 / 59.5 / 40.5

mm

-V / -A / 1.5 mm²

500 V / 6 kV / 3

mm² 0.5 ... 1.0

mm² 1.5

mm² 0.25 and 0.34**

AWG 24 ... 16

mm² 0.21 ... 1.31

mm² -

mm² -

Size 0.21 ... 1.5

Nm -

300 V / - A / 24 ... 16 AWG

300 V / - A / 24 ... 16 AWG

Type IPE 1.5N Part No. 1792560000 Qty. 100

IPE 1.5N 1792430000 50

SH2 0494920000 10

ITA1 1803800000 25

ITA/ZA 1803810000 25

SD 0.6 x 3.5 9008330000 1

9006020000 1

SD 0.6 x 3.5 9006060000 1

ZGB 30 1611930000 20

ESO 7 1607720000 240

STR 7 0515300000 20

IRH 1.5 1804510000 100

ZGB 30 1611930000 20

ESO 7 1607720000 240

STR 7 0515300000 20

IRH 1.5 1804510000 100

DEK 5 see main catalogue

ZS 10/5 1610000000 480

WS 10/5 1792000000 -

5 / 78.5 / 40.5

mm

-V / -A / 1.5 mm²

500 V / 6 kV / 3

mm² 0.5 ... 1.0

mm² 1.5

mm² 0.25 and 0.34**

AWG 24 ... 16

mm² 0.21 ... 1.31

mm² -

mm² -

Size 0.21 ... 1.5

Nm -

300 V / - A / 24 ... 16 AWG

300 V / - A / 24 ... 16 AWG

Type IPE 1.5N/3AN Part No. 1792590000 Qty. 100

IPE 1.5N/3AN 1792450000 50

SH2 0494920000 10

ITA1 1803800000 25

ITA/ZA 1803810000 25

SD 0.6 x 3.5 9008330000 1

9006020000 1

SD 0.6 x 3.5 9006060000 1

ZGB 30 1611930000 20

ESO 7 1607720000 240

STR 7 0515300000 20

IRH 1.5 1804510000 100

ZGB 30 1611930000 20

ESO 7 1607720000 240

STR 7 0515300000 20

IRH 1.5 1804510000 100

DEK 5 see main catalogue

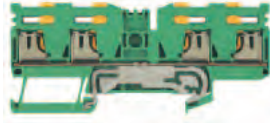
ZS 10/5 1610000000 480

WS 10/5 1792000000 -

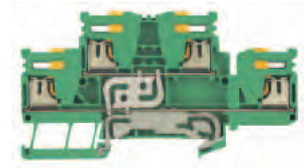
* Ferrules crimped gas-tight ** with IRH 1.5 *** Reduced voltage ratings result from the use of cross-connections. Details available on request.

Protective conductor terminal blocks

IPE 1.5N/4AN



IDK 1.5N/PE



Dimensions/Approvals

Width/length/height (mm) with TS 35 x 7.5  5 / 93.5 / 40.5

Insulation stripping length mm

Rating following IEC 60 947-7-1

Rated voltage/current PEN/cross-section -V / -A / 1.5 mm²

Rated voltage/rated impulse voltage/pollution severity 500 V / 6 kV / 3

I.a.w VDE 0110/1.89 to adjacent terminal

Further technical data

Clampable conductors:

Single core / flexible core H05V-U/K mm² 0.5 ... 1.0

Single core / flexible core H07V-U/K mm² 1.5

fine stranded (min. individual diameter 20.1 mm) mm² 0.25 and 0.34**

AWG-conductor size AWG 24 ... 16

mm² 0.21 ... 1.31

"f" with ferrules in accordance with DIN 46 228/1* mm² -

"f" with ferrules with plastic collar* mm² -

Max. term. range in mm²/ plug gauge i.a.w. IEC 60 947-1 Size 0.21 ... 1.5

Tightening torque range Nm -

Rating following UL/CSA

Rated voltage/current/cross-section UL 300 V / - A / 24 ... 16 AWG

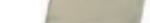
Rated voltage/current/cross-section CSA 300 V / - A / 24 ... 16 AWG

Ordering data

Version green/yellow Wernid

End plate/Partition

Version IAP Thickness = 2 mm beige Wernid



Rail support

SH For insulated arrangement of mounted rails in isolated installations.



Test adapter

Version ITA without pin

ITA/ZA with pin



Screwdriver

SD i.a.w DIN 5264-A



Cable cutter „swifty“



Screwdriver with cable cutter „swifty@set“



Group marking

ZGB Back snap-on tag

ESO Transparent protective cover

STR

Reducing sleeves

IRH for conductor 0.25 and 0.34 mm²



Bezeichnungsschilder

DEK Standard

ZS neutral

WS middle neutral



| Type | Part No. | Qty. |
|--------------|------------|------|
| IPE 1.5N/4AN | 1792620000 | 100 |

| | | |
|--------------|------------|----|
| IPE 1.5N/4AN | 1792470000 | 50 |
|--------------|------------|----|

| | | |
|-----|------------|----|
| SH2 | 0494920000 | 10 |
|-----|------------|----|

| | | |
|--------|------------|----|
| ITA1 | 1803800000 | 25 |
| ITA/ZA | 1803810000 | 25 |

| | | |
|--------------|------------|---|
| SD 0.6 x 3.5 | 9008330000 | 1 |
|--------------|------------|---|

| | | |
|--|------------|---|
| | 9006020000 | 1 |
|--|------------|---|

| | | |
|--------------|------------|---|
| SD 0.6 x 3.5 | 9006060000 | 1 |
|--------------|------------|---|

| | | |
|--------|------------|-----|
| ZGB 30 | 1611930000 | 20 |
| ESO 7 | 1607720000 | 240 |
| STR 7 | 0515300000 | 20 |

| | | |
|---------|------------|-----|
| IRH 1.5 | 1804510000 | 100 |
|---------|------------|-----|

| | | |
|---------|--------------------|-----|
| DEK 5 | see main catalogue | |
| ZS 10/5 | 1610000000 | 480 |
| WS 10/5 | 1792000000 | - |

| | | |
|--------|------------|-----|
| ZGB 30 | 1611930000 | 20 |
| ESO 7 | 1607720000 | 240 |
| STR 7 | 0515300000 | 20 |

| | | |
|---------|------------|-----|
| IRH 1.5 | 1804510000 | 100 |
|---------|------------|-----|

| | | |
|---------|--------------------|-----|
| DEK 5 | see main catalogue | |
| ZS 10/5 | 1610000000 | 480 |
| WS 8/5 | 1640740000 | - |

| Type | Part No. | Qty. |
|-------------|------------|------|
| IDK 1.5N/PE | 1792690000 | 50 |

| | | |
|-------------|------------|----|
| IDK 1.5N/PE | 1792520000 | 50 |
|-------------|------------|----|

| | | |
|-----|------------|----|
| SH2 | 0494920000 | 10 |
|-----|------------|----|

| | | |
|--------|------------|----|
| ITA1 | 1803800000 | 25 |
| ITA/ZA | 1803810000 | 25 |

| | | |
|--------------|------------|---|
| SD 0.6 x 3.5 | 9008330000 | 1 |
|--------------|------------|---|

| | | |
|--|------------|---|
| | 9006020000 | 1 |
|--|------------|---|

| | | |
|--------------|------------|---|
| SD 0.6 x 3.5 | 9006060000 | 1 |
|--------------|------------|---|

| | | |
|--------|------------|-----|
| ZGB 30 | 1611930000 | 20 |
| ESO 7 | 1607720000 | 240 |
| STR 7 | 0515300000 | 20 |

| | | |
|---------|------------|-----|
| IRH 1.5 | 1804510000 | 100 |
|---------|------------|-----|

| | | |
|---------|--------------------|-----|
| DEK 5 | see main catalogue | |
| ZS 10/5 | 1610000000 | 480 |
| WS 8/5 | 1640740000 | - |

Protective conductor terminal blocks

IPE 1.5N/ZF



5 / 59.5 / 40.5
10
-V / -A / 1.5 mm²
500 V / 6 kV / 3

| IDC | Tension Clamp | |
|-----------------|---------------|----|
| 0.5...1.0 | 0.5...1.0 | |
| 1.5 | 1.5...4 | |
| 0.25 and 0.34** | | |
| 24...16 | 26...12 | |
| 0.21...1.31 | 0.13...3.31 | |
| - | 0.5...2.5 | |
| - | 0.5...2.5 | |
| 0.21...1.5 | 0.08...4 | A3 |
| - | | |

300 V / - A / 24 ... 16 AWG
300 V / - A / 24 ... 16 AWG

| Type | Part No. | Qty. |
|-------------|------------|------|
| IPE 1.5N/ZF | 1792720000 | 100 |
| IAP 1.5 N | 1792430000 | 50 |

| | | |
|-----|------------|----|
| SH2 | 0494920000 | 10 |
|-----|------------|----|

| | | |
|--------|------------|----|
| ITA1 | 1803800000 | 25 |
| ITA/ZA | 1803810000 | 25 |

| | | |
|--------------|------------|---|
| SD 0.6 x 3.5 | 9008330000 | 1 |
|--------------|------------|---|

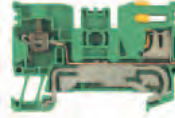
| | | |
|--|------------|---|
| | 9006020000 | 1 |
|--|------------|---|

| | | |
|--------------|------------|---|
| SD 0.6 x 3.5 | 9006060000 | 1 |
|--------------|------------|---|

| | | |
|---------|------------|-----|
| ZGB 30 | 1611930000 | 20 |
| ESO 7 | 1607720000 | 240 |
| STR 7 | 0515300000 | 20 |
| IRH 1.5 | 1804510000 | 100 |

| | | |
|---------|--------------------|-----|
| DEK 5 | see main catalogue | |
| ZS 10/5 | 1610000000 | 480 |
| WS 10/5 | 1792000000 | - |

IPE 1.5N/ZB



5 / 59.5 / 40.5
10
-V / -A / 1.5 mm²
500 V / 6 kV / 3

| IDC | Tension Clamp | |
|-----------------|---------------|----|
| 0.5...1.0 | 0.5...1.0 | |
| 1.5 | 1.5...4 | |
| 0.25 und 0.34** | | |
| 24...16 | 26...12 | |
| 0.21...1.31 | 0.13...3.31 | |
| - | 0.5...2.5 | |
| - | 0.5...2.5 | |
| 0.21...1.5 | 0.13...4 | A3 |
| - | 0.4...0.6 | |

300 V / - A / 24 ... 16 AWG
300 V / - A / 24 ... 16 AWG

| Type | Part No. | Qty. |
|-------------|------------|------|
| IPE 1.5N/ZB | 1792750000 | 100 |
| IAP 1.5 N | 1792430000 | 50 |

| | | |
|-----|------------|----|
| SH2 | 0494920000 | 10 |
|-----|------------|----|

| | | |
|--------|------------|----|
| ITA1 | 1803800000 | 25 |
| ITA/ZA | 1803810000 | 25 |

| | | |
|--------------|------------|---|
| SD 0.6 x 3.5 | 9008330000 | 1 |
|--------------|------------|---|

| | | |
|--|------------|---|
| | 9006020000 | 1 |
|--|------------|---|

| | | |
|--------------|------------|---|
| SD 0.6 x 3.5 | 9006060000 | 1 |
|--------------|------------|---|

| | | |
|---------|------------|-----|
| ZGB 30 | 1611930000 | 20 |
| ESO 7 | 1607720000 | 240 |
| STR 7 | 0515300000 | 20 |
| IRH 1.5 | 1804510000 | 100 |

| | | |
|---------|--------------------|-----|
| DEK 5 | see main catalogue | |
| ZS 10/5 | 1610000000 | 480 |
| WS 10/5 | 1792000000 | - |

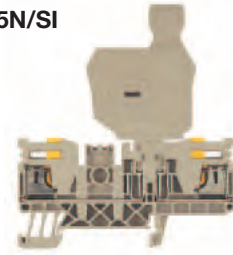
* Ferrules crimped gas-tight ** with IRH 1.5

Disconnect test terminals / Fuse terminals

ITR 1.5N



ITR 1.5N/SI



Dimensions/Approvals

Width/length/height (mm) with TS 35 x 7.5 

5 / 78.5 / 46.5

5 / 78.5 / 88.5

Bemessungsdaten

Rated voltage/current/cross-section
Rated impulse voltage/pollution severity, VDE 0110/1.89

400 V / 16 A / 1.5 mm²
6 kV / 3

250 V / 6.3A / 1.5 mm²
6 kV / 3

Further technical data

Clampable conductors:

Single core / flexible core H05V-U/K mm²
Single core / flexible core H07V-U/K mm²
fine stranded (min. individual diameter ≥ 0.1 mm) mm²
AWG-conductor size AWG

0.5 ... 1.0
1.5
0.25 and 0.34**

0.5 ... 1.0
1.5
0.25 and 0.34**

mm²
Permanent current of cross-connection 2-pole/multi-pole A

0.21 ... 1.31
17.5/17.5

0.21 ... 1.31
17.5/17.5

Rating following UL/CSA

Rated voltage/current/cross-section UL
Rated voltage/current/cross-section CSA

300 V / 10 A / 24 ... 16 AWG
300 V / 10 A / 24 ... 16 AWG

300 V / 10 A / 24 ... 16 AWG
300 V / 10 A / 24 ... 16 AWG

Ordering data

Version


beige Wemid
blue Wemid

| Type | Part No. | Qty. |
|------------|------------|------|
| ITR 1.5N | 1792630000 | 100 |
| ITR 1.5NBL | 1792670000 | 100 |

| Type | Part No. | Qty. |
|-------------|------------|------|
| ITR 1.5N/SI | 1792640000 | 25 |

End plate/Partition

Version


IAP  Thickness = 2 mm
beige Wemid
blue Wemid

| Type | Part No. | Qty. |
|----------------|------------|------|
| IAP 1.5N/3AN | 1792450000 | 50 |
| IAP 1.5N/3ANBL | 1792460000 | 50 |

| Type | Part No. | Qty. |
|----------------|------------|------|
| IAP 1.5N/3AN | 1792450000 | 50 |
| IAP 1.5N/3ANBL | 1792460000 | 50 |

Cross-connection*

Version

ZQV 2.5 
2-pole
3-pole
4-pole
5-pole
6-pole
7-pole
8-pole
9-pole
10-pole
50-pole

| Type | Part No. | Qty. |
|------------|------------|------|
| ZQV 2.5/2 | 1608860000 | 60 |
| ZQV 2.5/3 | 1608870000 | 60 |
| ZQV 2.5/4 | 1608880000 | 60 |
| ZQV 2.5/5 | 1608890000 | 20 |
| ZQV 2.5/6 | 1608900000 | 20 |
| ZQV 2.5/7 | 1608910000 | 20 |
| ZQV 2.5/8 | 1608920000 | 20 |
| ZQV 2.5/9 | 1608930000 | 20 |
| ZQV 2.5/10 | 1608940000 | 20 |
| ZQV 2.5/50 | 1697540000 | 10 |

| Type | Part No. | Qty. |
|------------|------------|------|
| ZQV 2.5/2 | 1608860000 | 60 |
| ZQV 2.5/3 | 1608870000 | 60 |
| ZQV 2.5/4 | 1608880000 | 60 |
| ZQV 2.5/5 | 1608890000 | 20 |
| ZQV 2.5/6 | 1608900000 | 20 |
| ZQV 2.5/7 | 1608910000 | 20 |
| ZQV 2.5/8 | 1608920000 | 20 |
| ZQV 2.5/9 | 1608930000 | 20 |
| ZQV 2.5/10 | 1608940000 | 20 |
| ZQV 2.5/50 | 1697540000 | 10 |

Test adapter/Test Plug

Version

ITA  without pin
with pin
PS 

| Type | Part No. | Qty. |
|---------|------------|------|
| ITA1 | 1803800000 | 25 |
| ITA1/ZA | 1803810000 | 25 |
| PS 2.3 | 0180400000 | 20 |

| Type | Part No. | Qty. |
|---------|------------|------|
| ITA1 | 1803800000 | 25 |
| ITA1/ZA | 1803810000 | 25 |
| PS 2.3 | 0180400000 | 20 |

Screwdriver

SD i.a.w DIN 5264-A 

| Type | Part No. | Qty. |
|--------------|------------|------|
| SD 0.6 x 3.5 | 9008330000 | 1 |

| Type | Part No. | Qty. |
|--------------|------------|------|
| SD 0.6 x 3.5 | 9008330000 | 1 |

Cable cutter „swifty“

Version



| Type | Part No. | Qty. |
|------|------------|------|
| | 9006020000 | 1 |

| Type | Part No. | Qty. |
|------|------------|------|
| | 9006020000 | 1 |

Screwdriver with cable cutter „swifty“set**


Version



| Type | Part No. | Qty. |
|--------------|------------|------|
| SD 0.6 x 3.5 | 9006060000 | 1 |

| Type | Part No. | Qty. |
|--------------|------------|------|
| SD 0.6 x 3.5 | 9006060000 | 1 |

Cover

IAD 

| Type | Part No. | Qty. |
|--------|------------|------|
| IAD1/4 | 1805500000 | 20 |

| Type | Part No. | Qty. |
|--------|------------|------|
| IAD1/4 | 1805500000 | 20 |


Group marking

ZGB 
ESO  Back snap-on tag
STR  Transparent protective cover

| Type | Part No. | Qty. |
|--------|------------|------|
| ZGB 30 | 1611930000 | 20 |
| ESO 7 | 1607720000 | 240 |
| STR 7 | 0515300000 | 20 |

| Type | Part No. | Qty. |
|--------|------------|------|
| ZGB 30 | 1611930000 | 20 |
| ESO 7 | 1607720000 | 240 |
| STR 7 | 0515300000 | 20 |

Reducing sleeves

IRH for conductor 0.25 and 0.34 mm² 

| Type | Part No. | Qty. |
|---------|------------|------|
| IRH 1.5 | 1804510000 | 100 |

| Type | Part No. | Qty. |
|---------|------------|------|
| IRH 1.5 | 1804510000 | 100 |

Marking tags

Print


DEK Standard
ZS neutral
neutral

| Type | Part No. | Qty. |
|---------|--------------------|------|
| DEK 5 | see main catalogue | |
| ZS 10/5 | 1610000000 | 480 |
| WS 10/5 | 1792000000 | - |

| Type | Part No. | Qty. |
|---------|--------------------|------|
| DEK 5 | see main catalogue | |
| ZS 10/5 | 1610000000 | 480 |
| WS 10/5 | 1792000000 | - |

* Reduced voltage ratings result from the use of cross-connections. Details available on request. ** with IRH 1.5

IDC-TECHNOLOGY FOR SENSORS & ACTUATORS

The modular initiator/actuator system – available in progressive IDC technology

The internal cross-connection

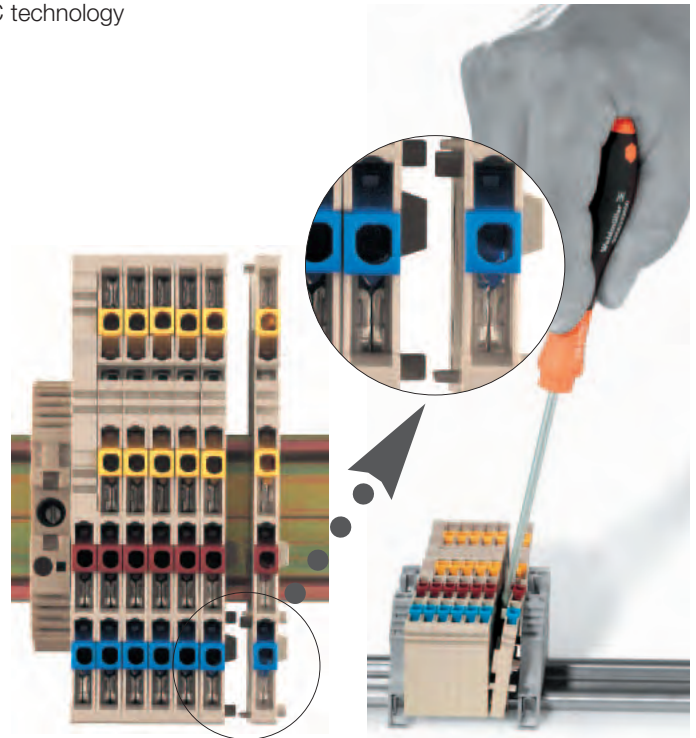
The cross-connections are intergrated in individual terminals. The socket contact is on the one side of the terminal, the pin contact is on the other side. The modular slice design means that variable terminal blocks can be created to suit the application.

End plate

End plates provide the option of adding additional markings to the terminals

Status indicator

The signal status can be indicated at the terminal.

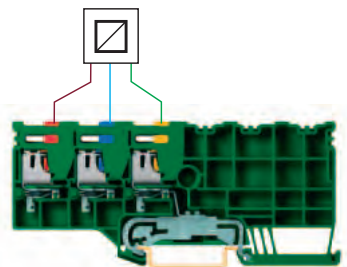


Your advantages

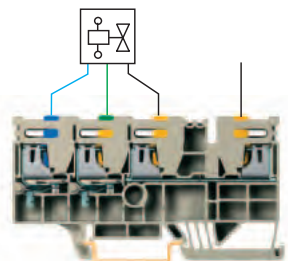
- **IDC2-Technology**
- **Integrated cross-connections**
- **Clear assignment and identification of the terminals possible due to differently coloured sliders.**
- **Clearly arranged marking options**
- **Status indication**

A FAMILY PRESENTS ITSELF

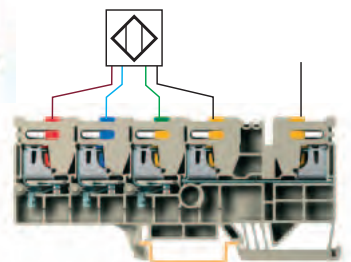
- **Feed through terminal**
Supply made easy with additional labelling options.
- **Initiator terminals**
Voltage supply and signal relaying in one terminal
- **Actuator terminal**
Simple connection of an actuator.
- **Initiator terminal with park position**
For connecting 4L-initiators:
The unused normally-open or normally-closed contact can be connected to the insulated contact. Any later rewiring is no problem.



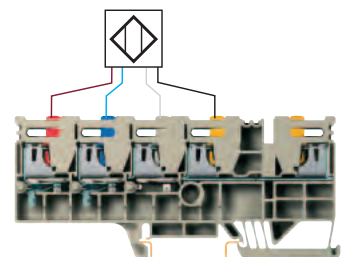
• **Feed through terminal**



• **Actuator terminal**



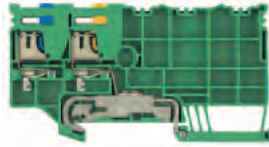
• **Initiator terminals**



• **Initiator terminal with park position**

Initiator und actuator terminal blocks

IEK 1.5N 3L PE Feed through terminal, Actuator



IEK 1.5N 3L Feed through terminal, 3L-Initiator



Dimensions/Approvals

Width/length/height (mm) with TS 35 x 7.5 

Rating following IEC 60 947-7-1

Rated voltage/current/cross-section
Rated voltage/current/cross-section (with LED)
Rated impulse voltage/pollution severity

Further technical data

Clampable conductors

Single core / flexible core H05V-U/K mm²
Single core / flexible core H07V-U/K mm²
fine stranded (min. individual diameter 20.1 mm) mm²
AWG-conductor size AWG

Permanent current of cross-connection 2-pole/multi-pole A
Permanent current of cross-connection max. 25-pole A

Rating following UL/CSA

Rated voltage/current/cross-section UL
Rated voltage/current/cross-section CSA

Ordering data


3-conductor version: Actuators: Input
Basic terminal
Basic terminal with LED
Initiators: Input
Basic terminal
Basic terminal with LED/PNP
Basic terminal with LED/NPN

4-conductor version: Initiators: Input


End plate

IAP 3L  IAP 4L  3-conductor
4-conductor


Cross-connection

for signal level 2-pole
ZQV 2.5  3-pole
4-pole
5-pole
6-pole
7-pole
8-pole
9-pole
10-pole
50-pole


Test adapter/Test Plug

ITA  for signal level without pin
with pin


Screwdriver

SD i.a.w DIN 5264-A  SD 0.6 x 3.5


Cable cutter „swifty“

 9006020000

Screwdriver with cable cutter „swifty“set“

 SD 0.6 x 3.5 9006060000

Cover

IAD  IAD1/4 1805500000

Group marking

ZGB  ZGB 30 1611930000
ESO 7 Back snap-on tag 1607720000
STR Transparent protective cover STR 7 0515300000

Reducing sleeves

IRH for conductor 0.25 and 0.34 mm²  IRH 1.5 1804510000

Marking tags

 DEK Standard
ZS neutral
ZS WS middle neutral

5 / 93 / 51

250 V / 17.5 A / 1.5 mm²
24 V / 17.5 A / 1.5 mm²
4 kV / 3

0.5 ... 1.0
1.5
0.25 and 0.34*
24 ... 16
0.21 ... 1.31

17.5/17.5
17.5 A

300 V / 10 A / 24 ... 16 AWG
300 V / 10 A / 24 ... 16 AWG

| Type | Part No. | Qty. |
|----------------|------------|------|
| IEK 1.5N 3L PE | 1801800000 | 25 |

| | | |
|-------------|------------|----|
| IEK 1.5N 3L | 1801790000 | 25 |
|-------------|------------|----|

| Type | Part No. | Qty. |
|---------|------------|------|
| ITA1 | 1803800000 | 25 |
| ITA1/ZA | 1803810000 | 25 |

| | | |
|--------------|------------|---|
| SD 0.6 x 3.5 | 9008330000 | 1 |
| | 9006020000 | 1 |
| SD 0.6 x 3.5 | 9006060000 | 1 |

| | | |
|---------|------------|----|
| ITA1 | 1803800000 | 25 |
| ITA1/ZA | 1803810000 | 25 |

| | | |
|--------------|------------|---|
| SD 0.6 x 3.5 | 9008330000 | 1 |
|--------------|------------|---|

| | | |
|--|------------|---|
| | 9006020000 | 1 |
|--|------------|---|

| | | |
|--------------|------------|---|
| SD 0.6 x 3.5 | 9006060000 | 1 |
|--------------|------------|---|

| | | |
|--------|------------|----|
| IAD1/4 | 1805500000 | 20 |
|--------|------------|----|

| | | |
|--------|------------|-----|
| ZGB 30 | 1611930000 | 20 |
| ESO 7 | 1607720000 | 240 |
| STR 7 | 0515300000 | 20 |

| | | |
|---------|------------|-----|
| IRH 1.5 | 1804510000 | 100 |
|---------|------------|-----|

| | | |
|---------|--------------------|-----|
| DEK 5 | see main catalogue | |
| ZS 10/5 | 1610000000 | 480 |
| WS 10/5 | 1792000000 | - |

5 / 93 / 51

250 V / 17.5 A / 1.5 mm²
24 V / 17.5 A / 1.5 mm²
4 kV / 3

0.5 ... 1.0
1.5
0.25 and 0.34*
24 ... 16
0.21 ... 1.31
17.5/17.5
17.5 A

300 V / 10 A / 24 ... 16 AWG
300 V / 10 A / 24 ... 16 AWG

| Type | Part No. | Qty. |
|-------------|------------|------|
| IEK 1.5N 3L | 1801790000 | 25 |

| | | |
|-------------|------------|----|
| IEK 1.5N 3L | 1801790000 | 25 |
|-------------|------------|----|

| Type | Part No. | Qty. |
|---------|------------|------|
| ITA1 | 1803800000 | 25 |
| ITA1/ZA | 1803810000 | 25 |

| | | |
|--------------|------------|---|
| SD 0.6 x 3.5 | 9008330000 | 1 |
| | 9006020000 | 1 |
| SD 0.6 x 3.5 | 9006060000 | 1 |

| | | |
|---------|------------|----|
| ITA1 | 1803800000 | 25 |
| ITA1/ZA | 1803810000 | 25 |

| | | |
|--------------|------------|---|
| SD 0.6 x 3.5 | 9008330000 | 1 |
|--------------|------------|---|

| | | |
|--|------------|---|
| | 9006020000 | 1 |
|--|------------|---|

| | | |
|--------------|------------|---|
| SD 0.6 x 3.5 | 9006060000 | 1 |
|--------------|------------|---|

| | | |
|--------|------------|----|
| IAD1/4 | 1805500000 | 20 |
|--------|------------|----|

| | | |
|--------|------------|-----|
| ZGB 30 | 1611930000 | 20 |
| ESO 7 | 1607720000 | 240 |
| STR 7 | 0515300000 | 20 |

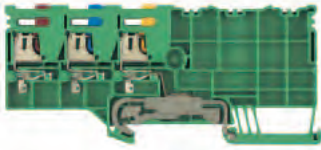
| | | |
|---------|------------|-----|
| IRH 1.5 | 1804510000 | 100 |
|---------|------------|-----|

| | | |
|---------|--------------------|-----|
| DEK 5 | see main catalogue | |
| ZS 10/5 | 1610000000 | 480 |
| WS 10/5 | 1792000000 | - |

Initiator und actuator terminal blocks

IEK 1.5N 4L PE

Feed through terminal, 4L-Initiator



5 / 112 / 51

250 V / 17.5 A / 1.5 mm²

24 V / 17.5 A / 1.5 mm²

4 kV / 3

0.5 ... 1.0

1.5

0.25 and 0.34*

24 ... 16

0.21 ... 1.31

17.5/17.5

17.5 A

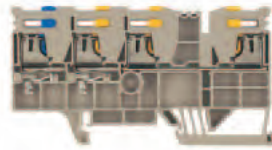
300 V / 10 A / 24 ... 16 AWG

300 V / 10 A / 24 ... 16 AWG

| Type | Part No. | Qty. |
|----------------|------------|------|
| IEK 1.5N 4L PE | 1801810000 | 25 |

IAK 1.5N 3L

Base terminal
Actuator



5 / 93 / 51

250 V / 17.5 A / 1.5 mm²

24 V / 17.5 A / 1.5 mm²

4 kV / 3

0.5 ... 1.0

1.5

0.25 and 0.34*

24 ... 16

0.21 ... 1.31

17.5/17.5

17.5 A

300 V / 10 A / 24 ... 16 AWG

300 V / 10 A / 24 ... 16 AWG

| Type | Part No. | Qty. |
|---------------|------------|------|
| IAK 1.5N 3L | 1801820000 | 50 |
| IAK 1.5N 3L D | 1801830000 | 50 |

| | | |
|-------------|------------|----|
| IAP 1.5N 3L | 1801770000 | 50 |
|-------------|------------|----|

| | | |
|-----------|------------|----|
| ZQV 2.5/2 | 1608860000 | 60 |
|-----------|------------|----|

| | | |
|-----------|------------|----|
| ZQV 2.5/3 | 1608870000 | 60 |
|-----------|------------|----|

| | | |
|-----------|------------|----|
| ZQV 2.5/4 | 1608880000 | 60 |
|-----------|------------|----|

| | | |
|-----------|------------|----|
| ZQV 2.5/5 | 1608890000 | 20 |
|-----------|------------|----|

| | | |
|-----------|------------|----|
| ZQV 2.5/6 | 1608900000 | 20 |
|-----------|------------|----|

| | | |
|-----------|------------|----|
| ZQV 2.5/7 | 1608910000 | 20 |
|-----------|------------|----|

| | | |
|-----------|------------|----|
| ZQV 2.5/8 | 1608920000 | 20 |
|-----------|------------|----|

| | | |
|-----------|------------|----|
| ZQV 2.5/9 | 1608930000 | 20 |
|-----------|------------|----|

| | | |
|------------|------------|----|
| ZQV 2.5/10 | 1608940000 | 20 |
|------------|------------|----|

| | | |
|------------|------------|----|
| ZQV 2.5/50 | 1697540000 | 10 |
|------------|------------|----|

| | | |
|------|------------|----|
| ITA1 | 1803800000 | 25 |
|------|------------|----|

| | | |
|---------|------------|----|
| ITA1/ZA | 1803810000 | 25 |
|---------|------------|----|

| | | |
|--------------|------------|---|
| SD 0.6 x 3.5 | 9008330000 | 1 |
|--------------|------------|---|

| | | |
|--|------------|---|
| | 9006020000 | 1 |
|--|------------|---|

| | | |
|--------------|------------|---|
| SD 0.6 x 3.5 | 9006060000 | 1 |
|--------------|------------|---|

| | | |
|--------|------------|----|
| IAD1/4 | 1805500000 | 20 |
|--------|------------|----|

| | | |
|--------|------------|----|
| ZGB 30 | 1611930000 | 20 |
|--------|------------|----|

| | | |
|-------|------------|-----|
| ESO 7 | 1607720000 | 240 |
|-------|------------|-----|

| | | |
|-------|------------|----|
| STR 7 | 0515300000 | 20 |
|-------|------------|----|

| | | |
|---------|------------|-----|
| IRH 1.5 | 1804510000 | 100 |
|---------|------------|-----|

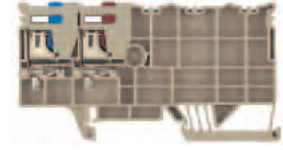
| | | |
|-------|--------------------|--|
| DEK 5 | see main catalogue | |
|-------|--------------------|--|

| | | |
|---------|------------|-----|
| ZS 10/5 | 1610000000 | 480 |
|---------|------------|-----|

| | | |
|---------|------------|---|
| WS 10/5 | 1792000000 | - |
|---------|------------|---|

IIK 1.5N 3L

Base terminal
3L-Initiator



5 / 93 / 51

250 V / 17.5 A / 1.5 mm²

24 V / 17.5 A / 1.5 mm²

4 kV / 3

0.5 ... 1.0

1.5

0.25 and 0.34*

24 ... 16

0.21 ... 1.31

17.5/17.5

17.5 A

300 V / 10 A / 24 ... 16 AWG

300 V / 10 A / 24 ... 16 AWG

| Type | Part No. | Qty. |
|-------------------|------------|------|
| IIK 1.5N 3L | 1801840000 | 100 |
| IIK 1.5N 3L D/PNP | 1801850000 | 50 |
| IIK 1.5N 3L D/NPN | 1801860000 | 50 |

| | | |
|-------------|------------|----|
| IAP 1.5N 3L | 1801770000 | 50 |
|-------------|------------|----|

| | | |
|-----------|------------|----|
| ZQV 2.5/2 | 1608860000 | 60 |
|-----------|------------|----|

| | | |
|-----------|------------|----|
| ZQV 2.5/3 | 1608870000 | 60 |
|-----------|------------|----|

| | | |
|-----------|------------|----|
| ZQV 2.5/4 | 1608880000 | 60 |
|-----------|------------|----|

| | | |
|-----------|------------|----|
| ZQV 2.5/5 | 1608890000 | 20 |
|-----------|------------|----|

| | | |
|-----------|------------|----|
| ZQV 2.5/6 | 1608900000 | 20 |
|-----------|------------|----|

| | | |
|-----------|------------|----|
| ZQV 2.5/7 | 1608910000 | 20 |
|-----------|------------|----|

| | | |
|-----------|------------|----|
| ZQV 2.5/8 | 1608920000 | 20 |
|-----------|------------|----|

| | | |
|-----------|------------|----|
| ZQV 2.5/9 | 1608930000 | 20 |
|-----------|------------|----|

| | | |
|------------|------------|----|
| ZQV 2.5/10 | 1608940000 | 20 |
|------------|------------|----|

| | | |
|------------|------------|----|
| ZQV 2.5/50 | 1697540000 | 10 |
|------------|------------|----|

| | | |
|------|------------|----|
| ITA1 | 1803800000 | 25 |
|------|------------|----|

| | | |
|---------|------------|----|
| ITA1/ZA | 1803810000 | 25 |
|---------|------------|----|

| | | |
|--------------|------------|---|
| SD 0.6 x 3.5 | 9008330000 | 1 |
|--------------|------------|---|

| | | |
|--|------------|---|
| | 9006020000 | 1 |
|--|------------|---|

| | | |
|--------------|------------|---|
| SD 0.6 x 3.5 | 9006060000 | 1 |
|--------------|------------|---|

| | | |
|--------|------------|----|
| IAD1/4 | 1805500000 | 20 |
|--------|------------|----|

| | | |
|--------|------------|----|
| ZGB 30 | 1611930000 | 20 |
|--------|------------|----|

| | | |
|-------|------------|-----|
| ESO 7 | 1607720000 | 240 |
|-------|------------|-----|

| | | |
|-------|------------|----|
| STR 7 | 0515300000 | 20 |
|-------|------------|----|

| | | |
|---------|------------|-----|
| IRH 1.5 | 1804510000 | 100 |
|---------|------------|-----|

| | | |
|-------|--------------------|--|
| DEK 5 | see main catalogue | |
|-------|--------------------|--|

| | | |
|---------|------------|-----|
| ZS 10/5 | 1610000000 | 480 |
|---------|------------|-----|

| | | |
|---------|------------|---|
| WS 10/5 | 1792000000 | - |
|---------|------------|---|

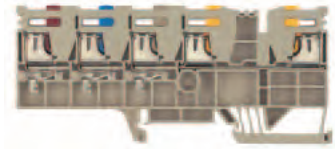
* with IRH 1.5

Initiator und actuator terminal blocks

IIK 1.5N 4L Base terminal 4L-Initiator



IIK 1.5N 4L PA Base terminal Park position



Dimensions/Approvals

Width/length/height (mm) with TS 35 x 7.5 

Rating following IEC 60 947-7-1

Rated voltage/current/cross-section
Rated voltage/current/cross-section (with LED)
Rated impulse voltage/pollution severity

Further technical data

Clampable conductors*

Single core / flexible core H05V-U/K mm²
Single core / flexible core H07V-U/K mm²
fine stranded (min. individual diameter ≥ 0.1 mm) mm²
AWG-conductor size AWG

Permanent current of cross-connection 2-pole/multi-pole A
Permanent current of cross-connection max. 25-pole A

Rating following UL/CSA


Rated voltage/current/cross-section UL
Rated voltage/current/cross-section CSA

Ordering data

4-conductor version: Initiators: Basic terminal
Basic terminal with LED/PNP
Basic terminal with LED/NPN
Basic terminal with park position


End plate **Version**
IAP 3L  IAP 4L  3-conductor
4-conductor

Cross-connection


for signal level 2-pole
ZQV 2.5  3-pole
4-pole
5-pole
6-pole
7-pole
8-pole
9-pole
10-pole
50-pole

Test adapter/Test Plug **Version**
ITA  for signal level without pin
with pin


Screwdriver

SD i.a.w DIN 5264-A 


Cable cutter „swifty“



Screwdriver with cable cutter „swifty“set“




Cover

IAD  IAD1/4

Group marking

ZGB  Back snap-on tag
ESO 7 Transparent protective cover
STR 7

Reducing sleeves

IRH for conductor 0.25 and 0.34 mm² 

Marking tags

 **Print**
DEK Standard
ZS neutral
DEK ZS WS middle neutral

5 / 112 / 51

250 V / 17.5 A / 1.5 mm²
24 V / 17.5 A / 1.5 mm²
4 kV / 3

0.5 ... 1.0
1.5
0.25 and 0.34*
24 ... 16
mm² 0.21 ... 1.31

17.5/17.5
17.5 A

300 V / 10 A / 24 ... 16 AWG
300 V / 10 A / 24 ... 16 AWG

| Type | Part No. | Qty. |
|-------------------|------------|------|
| IIK 1.5N 4L | 1801870000 | 100 |
| IIK 1.5N 4L D/PNP | 1801880000 | 50 |
| IIK 1.5N 4L D/NPN | 1801890000 | 50 |

IAP 1.5N 4L 1801780000 50

| | | |
|------------|------------|----|
| ZQV 2.5/2 | 1608860000 | 60 |
| ZQV 2.5/3 | 1608870000 | 60 |
| ZQV 2.5/4 | 1608880000 | 60 |
| ZQV 2.5/5 | 1608890000 | 20 |
| ZQV 2.5/6 | 1608900000 | 20 |
| ZQV 2.5/7 | 1608910000 | 20 |
| ZQV 2.5/8 | 1608920000 | 20 |
| ZQV 2.5/9 | 1608930000 | 20 |
| ZQV 2.5/10 | 1608940000 | 20 |
| ZQV 2.5/50 | 1697540000 | 10 |

ITA1 1803800000 25
ITA1/ZA 1803810000 25

SD 0.6 x 3.5 9008330000 1

9006020000 1

SD 0.6 x 3.5 9006060000 1

IAD1/4 1805500000 20

ZGB 30 1611930000 20
ESO 7 1607720000 240
STR 7 0515300000 20

IRH 1.5 1804510000 100

DEK 5 see main catalogue
ZS 10/5 1610000000 480
WS 10/5 1792000000 -

5 / 112 / 51

250 V / 17.5 A / 1.5 mm²
24 V / 17.5 A / 1.5 mm²
4 kV / 3

0.5 ... 1.0
1.5
0.25 and 0.34*
24 ... 16
mm² 0.21 ... 1.31

17.5/17.5
17.5 A

300 V / 10 A / 24 ... 16 AWG
300 V / 10 A / 24 ... 16 AWG

| Type | Part No. | Qty. |
|----------------|------------|------|
| IIK 1.5N 4L PA | 1801900000 | 50 |

IAP 1.5N 4L 1801780000 50

| | | |
|------------|------------|----|
| ZQV 2.5/2 | 1608860000 | 60 |
| ZQV 2.5/3 | 1608870000 | 60 |
| ZQV 2.5/4 | 1608880000 | 60 |
| ZQV 2.5/5 | 1608890000 | 20 |
| ZQV 2.5/6 | 1608900000 | 20 |
| ZQV 2.5/7 | 1608910000 | 20 |
| ZQV 2.5/8 | 1608920000 | 20 |
| ZQV 2.5/9 | 1608930000 | 20 |
| ZQV 2.5/10 | 1608940000 | 20 |
| ZQV 2.5/50 | 1697540000 | 10 |

ITA1 1803800000 25
ITA1/ZA 1803810000 25

SD 0.6 x 3.5 9008330000 1

9006020000 1

SD 0.6 x 3.5 9006060000 1

IAD1/4 1805500000 20

ZGB 30 1611930000 20
ESO 7 1607720000 240
STR 7 0515300000 20

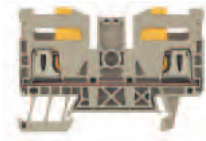
IRH 1.5 1804510000 100

DEK 5 see main catalogue
ZS 10/5 1610000000 480
WS 10/5 1792000000 -

* with IRH 1.5

Feed-through terminal blocks

IDU 2.5 N



IDU 2.5 N/3AN

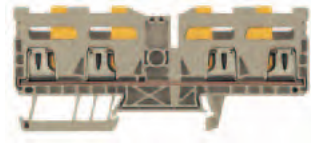


| Dimensions/Approvals | | | | | | | | | |
|---|------------------------------|------------------------------------|--------------|--------------------|------------------------------------|------------------|--------------------|-------------|--|
| Width/length/height (mm) | with TS 35 x 7.5 | 6 / 66.4 / 45.6 | | | 6 / 87.9 / 45.6 | | | | |
| Insulation stripping length | mm | | | | | | | | |
| Rating following IEC 60 947-7-1 | | | | | | | | | |
| Rated voltage/current/cross-section | | 800 V / 24 A / 2.5 mm ² | | | 800 V / 24 A / 2.5 mm ² | | | | |
| Rated impulse voltage/pollution severity | | 8 kV / 3 | | | 8 kV / 3 | | | | |
| Further technical data | | | | | | | | | |
| Clampable conductors: | | | | | | | | | |
| Single core / flexible core H05V-U/K | mm ² | 0,5 ... 1,0 | | | 0,5 ... 1,0 | | | | |
| Single core / flexible core H07V-U/K | mm ² | 1,5 ... 2,5 | | | 1,5 ... 2,5 | | | | |
| fine stranded (min. individual diameter ≥ 0.15 mm) | mm ² | - | | | - | | | | |
| AWG-conductor size | AWG | 20 ... 14 | | | 20 ... 14 | | | | |
| | mm ² | 0,52 ... 2,08 | | | 0,52 ... 2,08 | | | | |
| "f" with ferrules in accordance with DIN 46 228/1 | mm ² | - | | | - | | | | |
| "f" with ferrules with plastic collar | mm ² | - | | | - | | | | |
| Max. tem. range in mm ² | Size | 0,5 ... 2,5** | | | 0,5 ... 2,5** | | | | |
| Permanent current of cross-connection 2-pole/mehrpole | A | 24 / 24 | | | 24 / 24 | | | | |
| Tightening torque range | Nm | - | | | - | | | | |
| Rating following UL/CSA | | | | | | | | | |
| Rated voltage/current/cross-section | UL | 600 V / 15 A / 20 ... 14 AWG | | | 600 V / 15 A / 20 ... 14 AWG | | | | |
| Rated voltage/current/cross-section | CSA | 600 V / 15 A / 20 ... 14 AWG | | | 600 V / 15 A / 20 ... 14 AWG | | | | |
| Ordering data | | Version | Type | Part No. | Qty. | Type | Part No. | Qty. | |
| | | beige Wemid | IDU 2.5 N | 1812900000 | 100 | IDU 2.5 N/3AN | 1812930000 | 100 | |
| | | blue Wemid | IDU 2.5 N BL | 1812910000 | 100 | IDU 2.5 N/3AN BL | 1812940000 | 100 | |
| End plate/Partition | | Version | | | | | | | |
| IAP | Thickness = 2 mm | beige Wemid | IAP 2.5 N | 1813020000 | 50 | IAP 2.5 N/3AN | 1813040000 | 50 | |
| | | blue Wemid | IAP 2.5 N BL | 1813030000 | 50 | IAP 2.5 N/3AN BL | 1813050000 | 50 | |
| Cross-connection* | | Version | | | | | | | |
| ZQV 4 | | 2-pole | ZQV 4/2 | 1608950000 | 60 | ZQV 4/2 | 1608950000 | 60 | |
| | | 3-pole | ZQV 4/3 | 1608960000 | 60 | ZQV 4/3 | 1608960000 | 60 | |
| | | 4-pole | ZQV 4/4 | 1608970000 | 60 | ZQV 4/4 | 1608970000 | 60 | |
| | | 5-pole | ZQV 4/5 | 1608980000 | 20 | ZQV 4/5 | 1608980000 | 20 | |
| | | 6-pole | ZQV 4/6 | 1608990000 | 20 | ZQV 4/6 | 1608990000 | 20 | |
| | | 7-pole | ZQV 4/7 | 1609000000 | 20 | ZQV 4/7 | 1609000000 | 20 | |
| | | 8-pole | ZQV 4/8 | 1609010000 | 20 | ZQV 4/8 | 1609010000 | 20 | |
| | | 9-pole | ZQV 4/9 | 1609020000 | 20 | ZQV 4/9 | 1609020000 | 20 | |
| | | 10-pole | ZQV 4/10 | 1609030000 | 20 | ZQV 4/10 | 1609030000 | 20 | |
| Test adapter | | Version | | | | | | | |
| ITA | | without pin | ITA 2 | 1821210000 | | ITA 2 | 1821210000 | | |
| | | with pin | ITA 2/ZA | 1821220000 | | ITA 2/ZA | 1821220000 | | |
| Screwdriver | | | | | | | | | |
| SD i.a.w DIN 5264-A | | | SD 0.6 x 3.5 | 9008330000 | 1 | SD 0.6 x 3.5 | 9008330000 | 1 | |
| Cable cutter „swiftly“ | | | | | | | | | |
| | | | | 9006020000 | 1 | | 9006020000 | 1 | |
| Screwdriver with cable cutter „swiftly®set“ | | | | | | | | | |
| | | | SD 0.6 x 3.5 | 9006060000 | 1 | SD 0.6 x 3.5 | 9006060000 | 1 | |
| Cover | | | | | | | | | |
| IAD | | | IAD 2/4 | 1828420000 | | IAD 2/4 | 1828420000 | | |
| Group marking | | | | | | | | | |
| ZGB | | | ZGB 30 | 1611930000 | 20 | ZGB 30 | 1611930000 | 20 | |
| ESO | Back snap-on tag | | ESO 7 | 1607720000 | 240 | ESO 7 | 1607720000 | 240 | |
| STR | Transparent protective cover | | STR 7 | 0515300000 | 20 | STR 7 | 0515300000 | 20 | |
| Reducing sleeves | | | | | | | | | |
| IRH for conductor ≤ 1 mm ² | | | IRH 2.5 | 1848230000 | | IRH 2.5 | 1848230000 | | |
| Marking tags | | Print | | | | | | | |
| | | DEK Standard | DEK 6 | see main catalogue | | DEK 6 | see main catalogue | | |
| | | DEK 6 neutral MC | DEK 6 | 1609820000 | 1000 | DEK 6 | 1609820000 | 1000 | |
| | | ZS 12/6 neutral MC | MC ZS 12/6 | 1610020000 | 400 | MC ZS 12/6 | 1610020000 | 400 | |
| | | ZS WS 10/6 neutral MC | MC WS 10/6 | 1818400000 | 200 | MC WS 10/6 | 1818400000 | 200 | |

* Reduced voltage ratings result from the use of cross-connections. Details available on request. ** Conductor ≤ 1mm² with IRH 2.5

Feed-through terminal blocks

IDU 2.5 N/4AN



IDU 2.5 N/ZF



Dimensions/Approvals

| | |
|-----------------------------|------------------|
| Width/length/height (mm) | with TS 35 x 7.5 |
| Insulation stripping length | mm |

Rating following IEC 60 947-7-1

| | |
|--|--|
| Rated voltage/current/cross-section | |
| Rated impulse voltage/pollution severity | |

Further technical data

| | |
|---|-----------------|
| Clampable conductors: | |
| Single core / flexible core H05V-U/K | mm ² |
| Single core / flexible core H07V-U/K | mm ² |
| fine stranded (min. individual diameter ≥ 0.15 mm) | mm ² |
| AWG-conductor size | AWG |
| "f" with ferrules in accordance with DIN 46 228/1*** | mm ² |
| "f" with ferrules with plastic collar*** | mm ² |
| Max. term. range in mm ² | Size |
| Permanent current of cross-connection 2-pole/multi-pole | A |
| Tightening torque range | Nm |

Rating following UL/CSA

| | |
|-------------------------------------|-----|
| Rated voltage/current/cross-section | UL |
| Rated voltage/current/cross-section | CSA |

Ordering data

| Version | Type | Part No. | Qty. |
|-------------|------------------|------------|------|
| beige Wemid | IDU 2.5 N/4AN | 1812960000 | 100 |
| blue Wemid | IDU 2.5 N/4AN BL | 1812970000 | 50 |

End plate/Partition

| Version | Type | Part No. | Qty. |
|---------------------------------|------------------|------------|------|
| Thickness = 2 mm beige Wemid | IAP 2.5 N/4AN | 1813070000 | 25 |
| blue Wemid | IAP 2.5 N/4AN BL | 1813080000 | 25 |

Cross-connection*

| Version | Type | Part No. | Qty. |
|---------|----------|------------|------|
| ZQV 4 | ZQV 4/2 | 1608950000 | 60 |
| | ZQV 4/3 | 1608960000 | 60 |
| | ZQV 4/4 | 1608970000 | 60 |
| | ZQV 4/5 | 1608980000 | 20 |
| | ZQV 4/6 | 1608990000 | 20 |
| | ZQV 4/7 | 1609000000 | 20 |
| | ZQV 4/8 | 1609010000 | 20 |
| | ZQV 4/9 | 1609020000 | 20 |
| | ZQV 4/10 | 1609030000 | 20 |
| | 50-pole | | |

Test adapter

| Version | Type | Part No. | Qty. |
|---------|----------|------------|------|
| ITA | ITA 2 | 1821210000 | |
| | ITA 2/ZA | 1821220000 | |

Screwdriver

| | | | |
|----------------------|--------------|------------|---|
| SD i.a.w. DIN 5264-A | SD 0.6 x 3.5 | 9008330000 | 1 |
|----------------------|--------------|------------|---|

Cable cutter „swifty“

| | | | |
|--|--|------------|---|
| | | 9006020000 | 1 |
|--|--|------------|---|

Screwdriver with cable cutter „swifty@set“

| | | | |
|--|--------------|------------|---|
| | SD 0.6 x 3.5 | 9006060000 | 1 |
|--|--------------|------------|---|

Cover

| | | | |
|-----|---------|------------|--|
| IAD | IAD 2/4 | 1828420000 | |
|-----|---------|------------|--|

Group marking

| | | | |
|-----|--------|------------|-----|
| ZGB | ZGB 30 | 1611930000 | 20 |
| ESO | ESO 7 | 1607720000 | 240 |
| STR | STR 7 | 0515300000 | 20 |

Reducing sleeves

| | | | |
|---------------------------------------|---------|------------|--|
| IRH for conductor ≤ 1 mm ² | IRH 2.5 | 1848230000 | |
|---------------------------------------|---------|------------|--|

Marking tags

| Print | Type | Part No. | Qty. |
|-----------------------|------------|--------------------|------|
| DEK Standard | DEK 6 | see main catalogue | |
| DEK 6 neutral MC | DEK 6 | 1609820000 | 1000 |
| ZS 12/6 neutral MC | MC ZS 12/6 | 1610020000 | 400 |
| ZS WS 10/6 neutral MC | MC WS 10/6 | 1818400000 | 200 |

| | |
|-----------------------------|-----------------|
| Width/length/height (mm) | 6 / 66.4 / 45.6 |
| Insulation stripping length | 10 |

| | |
|--|------------------------------------|
| Rated voltage/current/cross-section | 800 V / 24 A / 2.5 mm ² |
| Rated impulse voltage/pollution severity | 8 kV / 3 |

| IDC | Tension clamp |
|---------------|---------------|
| 0,5 ... 1,0 | 0,5 ... 1,0 |
| 1,5 ... 2,5 | 1,5 ... 6 |
| – | – |
| 20 ... 14 | 26 ... 10 |
| 0,52 ... 2,08 | 0,13 ... 5,26 |
| – | 0,5 ... 4 |
| – | 0,5 ... 4 |
| 0,5 ... 2,5** | 0,13 ... 6 |
| 24/24 | |
| – | – |

| | |
|-------------------------------------|------------------------------|
| Rated voltage/current/cross-section | 600 V / 15 A / 20 ... 14 AWG |
| Rated voltage/current/cross-section | 600 V / 15 A / 20 ... 14 AWG |

| Type | Part No. | Qty. |
|-----------------|------------|------|
| IDU 2.5 N/ZF | 1821260000 | |
| IDU 2.5 N/ZF BL | 1821270000 | |

| Type | Part No. | Qty. |
|------------------|------------|------|
| IAP 2.5 N/2AN | 1813020000 | 25 |
| IAP 2.5 N/2AN BL | 1813030000 | 25 |

| Type | Part No. | Qty. |
|----------|------------|------|
| ZQV 4/2 | 1608950000 | 60 |
| ZQV 4/3 | 1608960000 | 60 |
| ZQV 4/4 | 1608970000 | 60 |
| ZQV 4/5 | 1608980000 | 20 |
| ZQV 4/6 | 1608990000 | 20 |
| ZQV 4/7 | 1609000000 | 20 |
| ZQV 4/8 | 1609010000 | 20 |
| ZQV 4/9 | 1609020000 | 20 |
| ZQV 4/10 | 1609030000 | 20 |

| Type | Part No. |
|----------|------------|
| ITA 2 | 1821210000 |
| ITA 2/ZA | 1821220000 |

| | | |
|--------------|------------|---|
| SD 0.6 x 3.5 | 9008330000 | 1 |
|--------------|------------|---|

| | | |
|--|------------|---|
| | 9006020000 | 1 |
|--|------------|---|

| | | |
|--------------|------------|---|
| SD 0.6 x 3.5 | 9006060000 | 1 |
|--------------|------------|---|

| | |
|---------|------------|
| IAD 2/4 | 1828420000 |
|---------|------------|

| | | |
|--------|------------|-----|
| ZGB 30 | 1611930000 | 20 |
| ESO 7 | 1607720000 | 240 |
| STR 7 | 0515300000 | 20 |

| | |
|---------|------------|
| IRH 2.5 | 1848230000 |
|---------|------------|

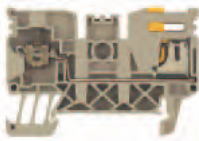
| Type | Part No. | Qty. |
|------------|--------------------|------|
| DEK 6 | see main catalogue | |
| DEK 6 | 1609820000 | 1000 |
| MC ZS 12/6 | 1610020000 | 400 |
| MC WS 10/6 | 1818400000 | 200 |

* Reduced voltage ratings result from the use of cross-connections. Details available on request. * Conductor ≤ 1 mm² with IRH 2.5

***Ferrules crimped gas-tight

Feed-through terminal blocks

IDU 2.5 N/ZB



| |
|------------------------------------|
| 6 / 66.4 / 45.6 |
| 13 |
| 800 V / 24 A / 2.5 mm ² |
| 8 kV / 3 |

| IDC | Clamping yoke | |
|-------------|---------------|----|
| 0.5...1.0 | 0.5...1.0 | |
| 1.5 ... 2.5 | 1.5 ... 6 | |
| – | – | |
| 20...14 | 22 ... 12 | |
| 0.52...2.08 | 0.33 ... 3.31 | |
| – | 4 | |
| – | 4 | |
| 0.5...2.5** | 1...6 | A4 |
| 24/24 | | |
| – | 0.5 ... 1.0 | |

| |
|------------------------------|
| 600 V / 15 A / 20 ... 14 AWG |
| 600 V / 15 A / 20 ... 14 AWG |

| Type | Part No. | Qty. |
|------------------|------------|------|
| IDU 2.5 N/ZB | 1821290000 | |
| IDU 2.5 N/ZB BL | 1818490000 | |
| IAP 2.5 N/2AN | 1813020000 | 25 |
| IAP 2.5 N/2AN BL | 1813030000 | 25 |

| | | |
|----------|------------|----|
| ZQV 4/2 | 1608950000 | 60 |
| ZQV 4/3 | 1608960000 | 60 |
| ZQV 4/4 | 1608970000 | 60 |
| ZQV 4/5 | 1608980000 | 20 |
| ZQV 4/6 | 1608990000 | 20 |
| ZQV 4/7 | 1609000000 | 20 |
| ZQV 4/8 | 1609010000 | 20 |
| ZQV 4/9 | 1609020000 | 20 |
| ZQV 4/10 | 1609030000 | 20 |

| | |
|----------|------------|
| ITA 2 | 1821210000 |
| ITA 2/ZA | 1821220000 |

| | | |
|--------------|------------|---|
| SD 0.6 x 3.5 | 9008330000 | 1 |
|--------------|------------|---|

| | | |
|--|------------|---|
| | 9006020000 | 1 |
|--|------------|---|

| | | |
|--------------|------------|---|
| SD 0.6 x 3.5 | 9006060000 | 1 |
|--------------|------------|---|

| | |
|---------|------------|
| IAD 2/4 | 1828420000 |
|---------|------------|

| | | |
|--------|------------|-----|
| ZGB 30 | 1611930000 | 20 |
| ESO 7 | 1607720000 | 240 |
| STR 7 | 0515300000 | 20 |

| | |
|---------|------------|
| IRH 2.5 | 1848230000 |
|---------|------------|

| | | |
|------------|--------------------|------|
| DEK 6 | see main catalogue | |
| DEK 6 | 1609820000 | 1000 |
| MC ZS 12/6 | 1610020000 | 400 |
| MC WS 10/6 | 1818400000 | 200 |

| Dimensions/Approvals | |
|-----------------------------|---|
| Width/length/height (mm) | with TS 35 x 7.5  |
| Insulation stripping length | mm |

| Rating following IEC 60 947-7-1 | |
|--|--|
| Rated voltage/current PEN/cross-section | |
| Rated voltage/rated impulse voltage/pollution severity | |
| I.a.w VDE 0110/1.89 to adjacent terminal | |

| Further technical data | |
|---|-----------------|
| Clampable conductors: | |
| Single core / flexible core H05V-U/K | mm ² |
| Single core / flexible core H07V-U/K | mm ² |
| fine stranded (min. individual diameter ≥ 0.15 mm) | mm ² |
| AWG-conductor size | AWG |
| "f" with ferrules in accordance with DIN 46 228/1*** | mm ² |
| "f" with ferrules with plastic collar*** | mm ² |
| Max. tem. range in mm ² | Size |
| Permanent current of cross-connection 2-pole/multi-pole | A |
| Tightening torque range | Nm |

| Rating following UL/CSA | |
|-------------------------------------|-----|
| Rated voltage/current/cross-section | UL |
| Rated voltage/current/cross-section | CSA |

| Ordering data | Version |
|---------------------|------------------------------|
| IAP | green/yellow Wemid |
| End plate/Partition | Version |
| IAP | Thickness = 2 mm beige Wemid |
| | blue Wemid |


| Rail support | |
|--------------|---|
| SH | For insulated arrangement of mounted rails in isolated installations. |

| Test adapter | Version |
|--------------|-------------|
| ITA | without pin |
| | with pin |

| Screwdriver | |
|---------------------|--|
| SD i.a.w DIN 5264-A |  |

| Cable cutter „swiftly“ [®] | |
|-------------------------------------|--|
| |  |

| Screwdriver with cable cutter „swiftly“ set [®] | | |
|--|------------|---|
| SD 0.6 x 3.5 | 9008330000 | 1 |
| | 9006020000 | 1 |
| SD 0.6 x 3.5 | 9006060000 | 1 |

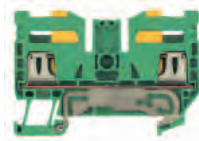
| Cover | |
|-------|---|
| IAD |  |

| Group marking | |
|---------------|---|
| ZGB |  |
| ESO | Back snap-on tag |
| STR | Transparent protective cover |

| Reducing sleeves | |
|---------------------------------------|-------|
| IRH for conductor ≤ 1 mm ² | |
| Marking tags | Print |

| | |
|--------------------|---|
| DEK Standard |  |
| DEK 6 neutral MC |  |
| ZS 12/6 neutral MC | |
| WS 10/6 neutral MC | |

IPE 2.5 N



| |
|-------------------------------|
| 6 / 66.4 / 45.6 |
| -V / -A / 2.5 mm ² |
| 800 V / 8 kV / 3 |

| |
|---------------|
| 0.5 ...1.0 |
| 1.5 ... 2.5 |
| – |
| 20 ... 14 |
| 0.52 ... 2.08 |
| – |
| – |
| 0.5 ... 2.5** |
| 24 / 24 |
| – |

| |
|-----------------------------|
| 600 V / – A / 20 ... 14 AWG |
| 600 V / – A / 20 ... 14 AWG |

| Type | Part No. | Qty. |
|--------------|------------|------|
| IPE 2.5N | 1812920000 | 50 |
| IAP 2.5 N | 1813020000 | 50 |
| IAP 2.5 N BL | 1813030000 | 50 |

| | | |
|-----|------------|----|
| SH2 | 0494920000 | 10 |
|-----|------------|----|

| | |
|----------|------------|
| ITA 2 | 1821210000 |
| ITA 2/ZA | 1821220000 |

| | | |
|--------------|------------|---|
| SD 0.6 x 3.5 | 9008330000 | 1 |
|--------------|------------|---|

| | | |
|--|------------|---|
| | 9006020000 | 1 |
|--|------------|---|

| | | |
|--------------|------------|---|
| SD 0.6 x 3.5 | 9006060000 | 1 |
|--------------|------------|---|

| | |
|---------|------------|
| IAD 2/4 | 1828420000 |
|---------|------------|

| | | |
|--------|------------|-----|
| ZGB 30 | 1611930000 | 20 |
| ESO 7 | 1607720000 | 240 |
| STR 7 | 0515300000 | 20 |

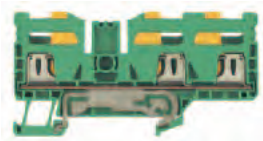
| | |
|---------|------------|
| IRH 2.5 | 1848230000 |
|---------|------------|

| | | |
|------------|--------------------|------|
| DEK 6 | see main catalogue | |
| DEK 6 | 1609820000 | 1000 |
| MC ZS 12/6 | 1610020000 | 400 |
| MC WS 10/6 | 1818400000 | 200 |

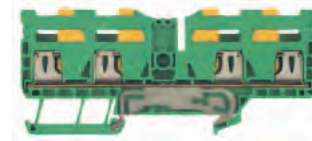
** Conductor ≤ 1mm² with IRH 2.5 ***Ferrules crimped gas-tight

Protective conductor terminal blocks


IPE 2.5 N/3AN



IPE 2.5 N/4AN



Dimensions/Approvals

Width/length/height (mm) with TS 35 x 7.5  6 / 87.9 / 45.6
 Insulation stripping length mm

Rating following IEC 60 947-7-1

Rated voltage/current PEN/cross-section -V / -A / 2.5 mm²
 Rated voltage/rated impulse voltage/pollution severity 800 V / 8 kV / 3
 I.a.w VDE 0110/1.89 to adjacent terminal

Further technical data

Clampable conductors:
 Single core / flexible core H05V-U/K mm² 0.5 ... 1.0
 Single core / flexible core H07V-U/K mm² 1.5 ... 2.5
 fine stranded (min. individual diameter ≥ 0.15 mm) mm² -
 AWG-conductor size AWG 20 ... 14 AWG
 mm² 0.52 ... 2.08
 "f" with ferrules in accordance with DIN 46 228/1* mm² -
 "f" with ferrules with plastic collar mm² -
 Max. term. range in mm² Size 0.5 ... 2.5**
 Permanent current of cross-connection 2-pole/multi-pole A 24 / 24
 Tightening torque range Nm -

Rating following UL/CSA

Rated voltage/current/cross-section UL 600 V / 15 A / 20 ... 14 AWG
 Rated voltage/current/cross-section CSA 600 V / 15 A / 20 ... 14 AWG

Ordering data

Version green/yellow Wemid

End plate/Partition

IAP Thickness = 2 mm beige Wemid
 blue Wemid

Rail support

SH For insulated arrangement of mounted rails in isolated installations.

Test adapter

ITA without pin
 with pin

Screwdriver


SD i.a.w DIN 5264-A

Cable cutter „swifty“


Screwdriver with cable cutter „swifty“set“

SD 0.6 x 3.5

Cover

IAD 

Group marking

ZGB  Back snap-on tag
 ESO  Transparent protective cover
 STR 7

Reducing sleeves

IRH for conductor ≤ 1 mm²

Marking tags

Print DEK Standard
 DEK 6 neutral MC DEK 6
 ZS 12/6 neutral MC MC ZS 12/6
 ZS WS 10/6 neutral MC MC WS 10/6

6 / 87.9 / 45.6

-V / -A / 2.5 mm²
 800 V / 8 kV / 3

0.5 ... 1.0

1.5 ... 2.5

-

20 ... 14 AWG

0.52 ... 2.08

-

-

0.5 ... 2.5**

24 / 24

-

600 V / 15 A / 20 ... 14 AWG

600 V / 15 A / 20 ... 14 AWG

Type Part No. Qty.

IPE 2.5N/3AN **1812950000** 100

IAP 2.5 N/3AN **1813040000** 50

IAP 2.5 N/3AN BL **1813050000** 50

SH2 **0494920000** 10

ITA 2 **1821210000**

ITA 2/ZA **1821220000**

SD 0.6 x 3.5 **9008330000** 1

9006020000 1

SD 0.6 x 3.5 **9006060000** 1

IAD 2/4 **1828420000**

ZGB 30 **1611930000** 20

ESO 7 **1607720000** 240

STR 7 **0515300000** 20

IRH 2.5 **1848230000**

DEK 6 see main catalogue

DEK 6 **1609820000** 1000

MC ZS 12/6 **1610020000** 400

MC WS 10/6 **1818400000** 200

6 / 105.9 / 45.6

-V / -A / 2.5 mm²
 800 V / 8 kV / 3

0.5 ... 1.0

1.5 ... 2.5

-

20 ... 14 AWG

0.52 ... 2.08

-

-

0.5 ... 2.5**

24 / 24

-

600 V / 15 A / 20 ... 14 AWG

600 V / 15 A / 20 ... 14 AWG

Type Part No. Qty.

IPE 2.5N/4AN **1812980000** 100

IAP 2.5 N/4AN **1813070000** 25

IAP 2.5 N/4AN BL **1813080000** 25

SH2 **0494920000** 10

ITA 2 **1821210000**

ITA 2/ZA **1821220000**

SD 0.6 x 3.5 **9008330000** 1

9006020000 1

SD 0.6 x 3.5 **9006060000** 1

IAD 2/4 **1828420000**

ZGB 30 **1611930000** 20

ESO 7 **1607720000** 240

STR 7 **0515300000** 20

IRH 2.5 **1848230000**

DEK 6 see main catalogue

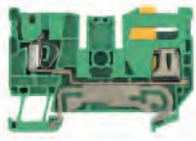
DEK 6 **1609820000** 1000

MC ZS 12/6 **1610020000** 400

MC WS 10/6 **1818400000** 200

Protective conductor terminal blocks

IPE 2.5 N/ZF



6 / 66.4 / 45.6
10

-V / -A / 1.5 mm²
800 V / 8 kV / 3

| IDC | Tension clamp | |
|---------------|---------------|----|
| 0,5 ... 1,0 | 0,5 ... 1,0 | |
| 1,5 ... 2,5 | 1,5 ... 6 | |
| - | | |
| 20 ... 14 | 26 ... 10 | |
| 0,52 ... 2,08 | 0,13 ... 5,26 | |
| - | 0,5 ... 4 | |
| - | 0,5 ... 4 | |
| 0,5 ... 2,5** | 0,13 ... 6 | A3 |
| 24 / 24 | | |
| - | | |

600 V / - A / 20 ... 14 AWG
600 V / - A / 20 ... 14 AWG

| Type | Part No. | Qty. |
|------------------|------------|------|
| IPE 2.5N/ZF | 1821280000 | |
| IAP 2.5 N/2AN | 1813020000 | 25 |
| IAP 2.5 N/2AN BL | 1813030000 | 25 |

SH2 0494920000 10

ITA 2 1821210000
ITA 2/ZA 1821220000

SD 0.6 x 3.5 9008330000 1

9006020000 1

SD 0.6 x 3.5 9006060000 1

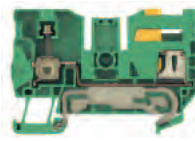
IAD 2/4 1828420000

ZGB 30 1611930000 20
ESO 7 1607720000 240
STR 7 0515300000 20

IRH 2.5 1848230000

DEK 6 see main catalogue
DEK 6 1609820000 1000
MC ZS 12/6 1610020000 400
MC WS 10/6 1818400000 200

IPE 2.5 N/ZB



6 / 66.4 / 45.6
10

-V / -A / 1.5 mm²
800 V / 8 kV / 3

| IDC | Clamping yoke | |
|---------------|---------------|----|
| 0,5 ... 1,0 | 0,5 ... 1,0 | |
| 1,5 | 1,5 ... 6 | |
| - | | |
| 20 ... 14 | 22 ... 12 | |
| 0,52 ... 2,08 | 0,33 ... 3,31 | |
| - | 0,5 ... 4 | |
| - | 0,5 ... 4 | |
| 0,5 ... 2,5** | 1 ... 6 | A4 |
| 24 / 24 | | |
| - | 0,5 ... 1,0 | |

600 V / - A / 20 ... 14 AWG
600 V / - A / 20 ... 14 AWG

| Type | Part No. | Qty. |
|------------------|------------|------|
| IPE 2.5N/ZB | 1821310000 | |
| IAP 2.5 N/2AN | 1813020000 | 25 |
| IAP 2.5 N/2AN BL | 1813030000 | 25 |

SH2 0494920000 10

ITA 2 1821210000
ITA 2/ZA 1821220000

SD 0.6 x 3.5 9008330000 1

9006020000 1

SD 0.6 x 3.5 9006060000 1

IAD 2/4 1828420000

ZGB 30 1611930000 20
ESO 7 1607720000 240
STR 7 0515300000 20

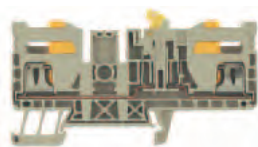
IRH 2.5 1848230000

DEK 6 see main catalogue
DEK 6 1609820000 1000
MC ZS 12/6 1610020000 400
MC WS 10/6 1818400000 200

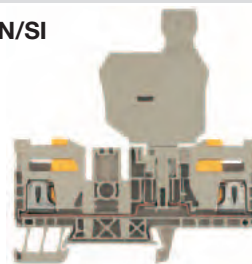
* Ferrules crimped gas-tight **Conductor ≤ 1mm² with IRH 2.5

Disconnect test terminals / Fuse terminals

ITR 2.5 N



ITR 2.5 N/SI



Dimensions/Approvals

Width/length/height (mm) with TS 35 x 7.5 

6 / 87.9 / 45.6

6 / 87.9 / 92.5

Rated data

Rated voltage/current/cross-section
Rated impulse voltage/pollution severity. VDE 0110/1.89

400 V / 18 A / 2.5 mm²
6 kV / 3

250 V / 6.3A / 2.5 mm²
6 kV / 3

Further technical data

Clampable conductors:
Single core / flexible core H05V-U/K mm² 0.5 ... 1.0
Single core / flexible core H07V-U/K mm² 1.5 ... 2.5
fine stranded (min. individual diameter ≥ 0.1 mm) mm² –
AWG-conductor size AWG 20 ... 14
mm² 0.52 ... 2.08
"f" with ferrules in accordance with DIN 46 228/1 mm² –
"f" with ferrules with plastic collar mm² –
Max. term. range in mm² Size 0.5 ... 2.5**
Permanent current of cross-connection 2-pole/multi-pole A 24 / 24
Tightening torque range Nm –

0.5 ... 1.0
1.5 ... 2.5
–
20 ... 14
0.52 ... 2.08
–
–
0.5 ... 2.5**
24 / 24
–

Rating following UL/CSA

Rated voltage/current/cross-section UL 300 V/ 10 A/ 20 ... 14 AWG
Rated voltage/current/cross-section CSA 300 V/ 10 A/ 20 ... 14 AWG

300 V/ 6.3 A/ 20 ... 14 AWG
300 V/ 6.3 A/ 20 ... 14 AWG

Ordering data

| Version | Type | Part No. | Qty. |
|-------------|------------|------------|------|
| beige Wemid | ITR 2.5N | 1812990000 | 100 |
| blue Wemid | ITR 2.5NBL | 1813000000 | 100 |

| Version | Type | Part No. | Qty. |
|---------|-------------|------------|------|
| | ITR 2.5N/SI | 1813010000 | 25 |

End plate/Partition

IAP Thickness = 2 mm
beige Wemid
blue Wemid

| Version | Type | Part No. | Qty. |
|---------|------------------|------------|------|
| | IAP 2.5 N/3AN | 1813040000 | 50 |
| | IAP 2.5 N/3AN BL | 1813050000 | 50 |

| Version | Type | Part No. | Qty. |
|---------|------------------|------------|------|
| | IAP 2.5 N/3AN | 1813040000 | 50 |
| | IAP 2.5 N/3AN BL | 1813050000 | 50 |

Cross-connection*

ZQV 4
2-pole
3-pole
4-pole
5-pole
6-pole
7-pole
8-pole
9-pole
10-pole

| Version | Type | Part No. | Qty. |
|---------|----------|------------|------|
| | ZQV 4/2 | 1608950000 | 60 |
| | ZQV 4/3 | 1608960000 | 60 |
| | ZQV 4/4 | 1608970000 | 60 |
| | ZQV 4/5 | 1608980000 | 20 |
| | ZQV 4/6 | 1608990000 | 20 |
| | ZQV 4/7 | 1609000000 | 20 |
| | ZQV 4/8 | 1609010000 | 20 |
| | ZQV 4/9 | 1609020000 | 20 |
| | ZQV 4/10 | 1609030000 | 20 |

| Version | Type | Part No. | Qty. |
|---------|----------|------------|------|
| | ZQV 4/2 | 1608950000 | 60 |
| | ZQV 4/3 | 1608960000 | 60 |
| | ZQV 4/4 | 1608970000 | 60 |
| | ZQV 4/5 | 1608980000 | 20 |
| | ZQV 4/6 | 1608990000 | 20 |
| | ZQV 4/7 | 1609000000 | 20 |
| | ZQV 4/8 | 1609010000 | 20 |
| | ZQV 4/9 | 1609020000 | 20 |
| | ZQV 4/10 | 1609030000 | 20 |

Test adapter/Test Plug

ITA without pin
with pin

| Version | Type | Part No. | Qty. |
|---------|----------|------------|------|
| | ITA 2 | 1821210000 | |
| | ITA 2/ZA | 1821220000 | |
| | PS 2.3 | 0180400000 | |

| Version | Type | Part No. | Qty. |
|---------|----------|------------|------|
| | ITA 2 | 1821210000 | |
| | ITA 2/ZA | 1821220000 | |
| | PS 2.3 | 0180400000 | |

Screwdriver

SD i.a.w DIN 5264-A

| Version | Type | Part No. | Qty. |
|---------|--------------|------------|------|
| | SD 0.6 x 3.5 | 9008330000 | 1 |

| Version | Type | Part No. | Qty. |
|---------|--------------|------------|------|
| | SD 0.6 x 3.5 | 9008330000 | 1 |

Cable cutter „swifty“

| Version | Type | Part No. | Qty. |
|---------|------|------------|------|
| | | 9006020000 | 1 |


| Version | Type | Part No. | Qty. |
|---------|------|------------|------|
| | | 9006020000 | 1 |

Screwdriver with cable cutter „swifty“set“

| Version | Type | Part No. | Qty. |
|---------|--------------|------------|------|
| | SD 0.6 x 3.5 | 9006060000 | 1 |

| Version | Type | Part No. | Qty. |
|---------|--------------|------------|------|
| | SD 0.6 x 3.5 | 9006060000 | 1 |

Cover

IAD 

| Version | Type | Part No. | Qty. |
|---------|---------|------------|------|
| | IAD 2/4 | 1828420000 | |

| Version | Type | Part No. | Qty. |
|---------|---------|------------|------|
| | IAD 2/4 | 1828420000 | |

Group marking

ZGB Back snap-on tag
ESO Transparent protective cover
STR

| Version | Type | Part No. | Qty. |
|---------|--------|------------|------|
| | ZGB 30 | 1611930000 | 20 |
| | ESO 7 | 1607720000 | 240 |
| | STR 7 | 0515300000 | 20 |

| Version | Type | Part No. | Qty. |
|---------|--------|------------|------|
| | ZGB 30 | 1611930000 | 20 |
| | ESO 7 | 1607720000 | 240 |
| | STR 7 | 0515300000 | 20 |

Reducing Sleeves

IRH for conductor ≤ 1 mm²

| Version | Type | Part No. | Qty. |
|---------|---------|------------|------|
| | IRH 2.5 | 1848230000 | |

| Version | Type | Part No. | Qty. |
|---------|---------|------------|------|
| | IRH 2.5 | 1848230000 | |

Marking tags

DEK Standard
DEK 6 neutral MC
ZS 12/6 neutral MC
DEK ZS WS 10/6 neutral MC

| Version | Type | Part No. | Qty. |
|---------|------------|--------------------|------|
| | DEK 6 | see main catalogue | |
| | DEK 6 | 1609820000 | 1000 |
| | MC ZS 12/6 | 1610020000 | 400 |
| | MC WS 10/6 | 1818400000 | 200 |

| Version | Type | Part No. | Qty. |
|---------|------------|--------------------|------|
| | DEK 6 | see main catalogue | |
| | DEK 6 | 1609820000 | 1000 |
| | MC ZS 12/6 | 1610020000 | 400 |
| | MC WS 10/6 | 1818400000 | 200 |

* Reduced voltage ratings result from the use of cross-connections. Details available on request. **Conductor ≤ 1mm² with IRH 2.5

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