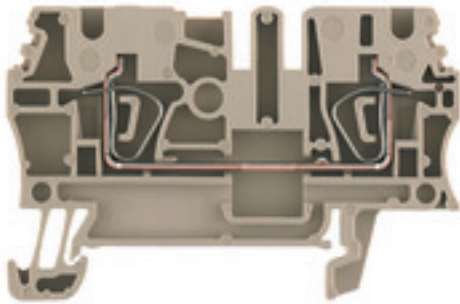


ZDU 2.5 PACK**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

Similar to illustration

To feed through power, signal, and data is the classical requirement in electrical engineering and panel building. The insulating material, the connection system and the design of the terminal blocks are the differentiating features. A feed-through terminal block is suitable for joining and/or connecting one or more conductors. They could have one or more connection levels that are on the same potential or insulated against one another.

General ordering data

| | |
|------------|--|
| Version | Feed-through terminal, Tension-clamp connection, 2.5 mm ² , 800 V, 24 A, dark beige |
| Order No. | 1781820000 |
| Type | ZDU 2.5 PACK |
| GTIN (EAN) | 4032248174782 |
| Qty. | 1 pc(s). |

ZDU 2.5 PACK**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data**Dimensions and weights**

| | | | |
|------------|---------|-----------------|------------|
| Depth | 40 mm | Depth (inches) | 1.575 inch |
| Height | 40.5 mm | Height (inches) | 1.594 inch |
| Width | 59 mm | Width (inches) | 2.323 inch |
| Net weight | 125 g | | |

Temperatures

| | | | |
|----------------------------------|----------------|----------------------------------|---|
| Storage temperature | | Operating temperature range | For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity |
| | -25 °C...55 °C | | |
| Continuous operating temp., min. | -50 °C | Continuous operating temp., max. | 120 °C |

Material data

| | | | |
|---------------------------|-------|--------|------------|
| Material | Wemid | Colour | dark beige |
| UL 94 flammability rating | V-0 | | |

Rating data IECEx/ATEX

| | | | |
|--------------------------------|---|---------------------------------|-------------------|
| Certificate No. (ATEX) | DEMKO15ATEX1467U | Certificate No. (IECEX) | IECEXULD15.0008U |
| Max. voltage (ATEX) | 550 V | Current (ATEX) | 22 A |
| Wire cross section max. (ATEX) | 4 mm ² | Max. voltage (IECEX) | 550 V |
| Current (IECEX) | 22 A | Wire cross section max. (IECEX) | 4 mm ² |
| Operating temperature range | For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity | Marking EN 60079-7 | |
| | | | Ex eb II C Gb |
| Ex 2014/34/EU label | II 2 G D | | |

System specifications

| | | | |
|-------------------------------|--|-------------------------------------|-------|
| Version | Tension-clamp connection, for plug-in cross-connector, One end without connector | End cover plate required | No |
| Number of levels | 1 | Number of clamping points per level | 2 |
| Number of potentials per tier | 1 | Levels cross-connected internally | No |
| PE connection | No | Rail | TS 35 |

Additional technical data

| | | | |
|--------------------------|-----|------------------|---------|
| Explosion-tested version | Yes | Type of mounting | Snap-on |
|--------------------------|-----|------------------|---------|

Conductors for clamping (additional connection)

| | |
|--|--------------------------|
| Connection type, additional connection | Tension-clamp connection |
|--|--------------------------|

ZDU 2.5 PACK

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Conductors for clamping (rated connection)

| | | | |
|---|--------------------------|--|---------------------|
| Blade size | 0.6 x 3.5 mm | Connection cross-section, stranded, max. | 2.5 mm ² |
| Number of connections | 2 | Stripping length | 10 mm |
| Type of connection | Tension-clamp connection | Wire connection cross section, finely stranded, max. | 2.5 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 2.5 mm ² | Wire connection cross-section, solid core, max. | 4 mm ² |

General

| | |
|------|-------|
| Rail | TS 35 |
|------|-------|

Rating data

| | | | |
|--|---------------------|---|--------|
| Rated cross-section | 2.5 mm ² | Rated voltage | 800 V |
| Rated DC voltage | 800 V | Rated current | 24 A |
| Volume resistance according to IEC 60947-7-x | 1.33 mΩ | Power loss in accordance with IEC 60947-7-x | 0.77 W |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC000897 | ETIM 7.0 | EC000897 |
| ETIM 8.0 | EC000897 | ETIM 9.0 | EC000897 |
| ECLASS 9.0 | 27-14-11-20 | ECLASS 9.1 | 27-14-11-20 |
| ECLASS 10.0 | 27-14-11-20 | ECLASS 11.0 | 27-14-11-20 |
| ECLASS 12.0 | 27-14-11-20 | ECLASS 13.0 | 27-25-01-01 |

Environmental Product Compliance

| | |
|------------|---|
| REACH SVHC | / |
|------------|---|

Approvals

Approvals



| | |
|------|---------|
| ROHS | Conform |
|------|---------|

ZDU 2.5 PACK

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Technical data

Downloads

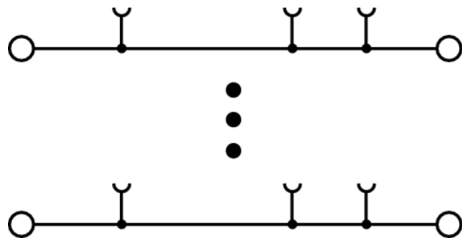
| | |
|---|---|
| Approval/Certificate/Document of Conformity | DNVGL certificate CCC Ex Certificate ATEX Certificate 17-AV4BO-0546U UKCA declaration of conformity Confirmation of Standards EN 45545-2_2020-10 |
| User Documentation | StorageConditionsTerminalBlocks |
| Catalogues | Catalogues in PDF-format |

ZDU 2.5 PACK

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Drawings



ZDU 2.5 PACK

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Accessories

Slotted screwdriver



VDE insulated screwdriver sets, for working on live parts up to 1000 V AC and 1500 V DC, DIN EN 60900. IEC 900. Each piece is "GS" safety tested. Blade made from fully hardened, high-alloy chromium-vanadium-molybdenum steel, gun-metal finish.

General ordering data

| Type | SDIS SLIM 0.6X3.5X100 | Version |
|------------|----------------------------|---|
| Order No. | 2749610000 | Mounting tool, Blade width (B): 3.5 mm, Blade length: 100 mm, Blade |
| GTIN (EAN) | 4050118896350 | thickness (A): 0.6 mm |
| Qty. | 1 pc(s). | |

Marker holder



The marker holder offer the possibility of additional mounting of standard markers with a pitch of 5 or 5.1 mm. The angled holders can be optionally snapped together and could be mounted in all standard marking channels of the Klippon® Connect modular terminal blocks. Fitting marker types could be found under the respective accessories of the designation marking holder.

General ordering data

| Type | BZT 1 WS 10/5 | Version |
|------------|----------------------------|----------------------------|
| Order No. | 1805490000 | Accessories, Marker holder |
| GTIN (EAN) | 4032248270231 | |
| Qty. | 100 pc(s). | |

| Type | BZT 1 ZA WS 10/5 | Version |
|------------|----------------------------|----------------------------|
| Order No. | 1805520000 | Accessories, Marker holder |
| GTIN (EAN) | 4032248270248 | |
| Qty. | 100 pc(s). | |