

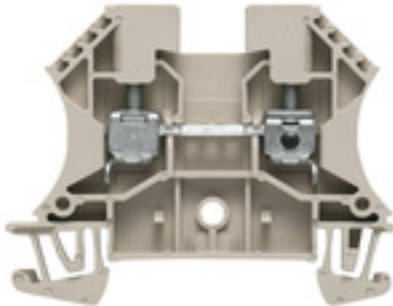
WDU 4 PACK**Weidmüller Interface GmbH & Co. KG**

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, Screw connection, 4 mm ² , 800 V, 24 A, dark beige |
| Order No. | 1781730000 |
| Type | WDU 4 PACK |
| GTIN (EAN) | 4032248174690 |
| Qty. | 1 pc(s). |

Creation date October 11, 2022 7:32:00 PM CEST

Catalogue status 07.10.2022 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

| | | | |
|--------------------------|---------|----------------|------------|
| Depth | 46.5 mm | Depth (inches) | 1.831 inch |
| Depth including DIN rail | 47 mm | Net weight | 150 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. | -60 °C | Continuous operating temp., max. | 130 °C |

Material data

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

Rating data IECEx/ATEX

| | | | |
|--------------------------------|---|---------------------------------|-------------------|
| Certificate No. (ATEX) | DEMKO14ATEX1338U | Certificate No. (IECEX) | IECEXULD14.0005U |
| Max. voltage (ATEX) | 690 V | Current (ATEX) | 32 A |
| Wire cross section max. (ATEX) | 4 mm ² | Max. voltage (IECEX) | 690 V |
| Current (IECEX) | 32 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 2014/34/EU label | II 2 G D | | Ex eb II C Gb |

System specifications

| | | | |
|-------------------------------------|--|-------------------------------|-----|
| Version | Screw connection, for plug-in cross-connector, for screwable cross-connection, One end without connector | End cover plate required | Yes |
| Number of potentials | 1 | 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 | N-function | No |
| PE function | No | PEN function | No |

Additional technical data

| | |
|------------------|---------|
| Type of mounting | Snap-on |
|------------------|---------|

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Technical data

Conductors for clamping (rated connection)

| Clampable conductor | | Connection specification | | Screw connection | | |
|--|--|--------------------------|---------------------|------------------|--|--|
| Clampable conductor | Cross-section for conductor connection | Type | solid, H05(07) V-U | | | |
| | | min. | 0.5 mm ² | | | |
| | | max. | 6 mm ² | | | |
| | | nominal | 4 mm ² | | | |
| | wire end ferrule | Stripping length | min. | 10 mm | | |
| | | | max. | 10 mm | | |
| | | | nominal | 10 mm | | |
| | | Tightening torque | min. | 0.5 Nm | | |
| | | | max. | 1 Nm | | |
| | Recommended wire-end ferrule | | | | | |
| | Connection specification | | Screw connection | | | |
| | Cross-section for conductor connection | Type | stranded, H07V-R | | | |
| min. | | 1.5 mm ² | | | | |
| max. | | 6 mm ² | | | | |
| nominal | | 4 mm ² | | | | |
| wire end ferrule | Stripping length | min. | 10 mm | | | |
| | | max. | 10 mm | | | |
| | | nominal | 10 mm | | | |
| | Tightening torque | min. | 0.5 Nm | | | |
| | | max. | 1 Nm | | | |
| Recommended wire-end ferrule | | | | | | |
| Connection specification | | Screw connection | | | | |
| Cross-section for conductor connection | Type | flexible, H05(07) V-K | | | | |
| | min. | 0.5 Nm | | | | |
| | max. | 6 Nm | | | | |
| | nominal | 4 Nm | | | | |
| wire end ferrule | Stripping length | min. | 10 mm | | | |
| | | max. | 10 mm | | | |
| | | nominal | 10 mm | | | |
| | Tightening torque | min. | 0.5 Nm | | | |
| | | max. | 1 Nm | | | |
| Recommended wire-end ferrule | | | | | | |
| Clamping screw | M 3 | | | | | |
| Number of connections | 2 | | | | | |
| Stripping length | 10 mm | | | | | |
| Type of connection | Screw connection | | | | | |

General

Rail TS 35

Rating data

| | | | |
|---|-------------------|--|-------|
| Rated cross-section | 4 mm ² | Rated voltage | 800 V |
| Rated current | 24 A | Volume resistance according to IEC 60947-7-x | 1 mΩ |
| Power loss in accordance with IEC 60947-7-x | 1.02 W | | |

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Technical data

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC000897 | ETIM 7.0 | EC000897 |
| ETIM 8.0 | 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 |

Approvals

Approvals



ROHS

Conform

Downloads

| | |
|---|--|
| Approval/Certificate/Document of Conformity | IECEX Certificate EAC certificate EAC EX Certificate CCC Ex Certificate ATEX Certificate UKCA Declaration of Conformity |
| User Documentation | StorageConditionsTerminalBlocks |
| Catalogues | Catalogues in PDF-format |

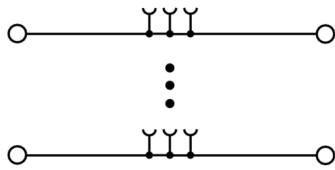
Data sheet

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Drawings



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