

WDU 2.5/10 BEZ/NE**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image**Klippon® Connect with clamping yoke Technology**

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

General ordering data

| | |
|------------|--|
| Version | Feed-through terminal, Screw connection, 2.5 mm ² , 500 V, 24 A, dark beige |
| Order No. | 1020800000 |
| Type | WDU 2.5/10 BEZ/NE |
| GTIN (EAN) | 4008 190133368 |
| Qty. | 10 pc(s). |

Creation date March 22, 2021 2:49:40 PM CET

Catalogue status 12.03.2021 / 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 |
| Height | 60 mm | Height (inches) | 2.362 inch |
| Net weight | 77.8 g | Weight | 84.4 g |
| Width | 51 mm | Width (inches) | 2.008 inch |

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) | 24 A |
| Wire cross section max. (ATEX) | 2.5 mm ² | Max. voltage (IECEX) | 690 V |
| Current (IECEX) | 24 A | Wire cross section max. (IECEX) | 2.5 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

| | | | |
|--------------------------|-------|-----------------------------|---------|
| Explosion-tested version | Yes | Number of similar terminals | 10 |
| Open sides | right | Type of mounting | Snap-on |

CSA rating data

| | | | |
|-------------------------------|----------------|-------------------------------|--------|
| Certificate No. (CSA) | 200039-1057876 | Current size C (CSA) | 20 A |
| Voltage size C (CSA) | 600 V | Wire cross section max. (CSA) | 12 AWG |
| Wire cross section min. (CSA) | 26 AWG | | |

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Technical data

| | |
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| Wire connection cross section, finely stranded, max. | 4 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 2.5 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 0.25 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 2.5 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.5 mm ² |
| Wire connection cross-section, solid core, max. | 4 mm ² |
| Wire connection cross-section, solid core, min. | 0.5 mm ² |

General

| | | | |
|---|--------|---|--------|
| Rail | TS 35 | Wire connection cross section AWG, max. | AWG 12 |
| Wire connection cross section AWG, min. | AWG 30 | | |

Rating data

| | | | |
|--|---------|---------------------|---------------------|
| Power loss in accordance with IEC 60947-7-x | 0.77 W | Rated cross-section | 2.5 mm ² |
| Rated voltage | 500 V | Rated current | 24 A |
| Volume resistance according to IEC 60947-7-x | 1.33 mΩ | | |

UL rating data

| | | | |
|-------------------|--------|-------------------|--------|
| UL_current_Print | 25 A | UL_voltage_Print | 600 V |
| UL_wire_max_Print | 12 AWG | UL_wire_min_Print | 30 AWG |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC001284 | ETIM 7.0 | EC001284 |
| ECLASS 9.0 | 27-14-11-06 | ECLASS 9.1 | 27-14-11-06 |
| ECLASS 10.0 | 27-14-11-06 | ECLASS 11.0 | 27-14-11-06 |

Approvals

Approvals



ROHS Conform

Data sheet**WDU 2.5/10 BEZ/NE****Weidmüller Interface GmbH & Co. KG**

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www.weidmueller.com**Technical data****Downloads**

| | |
|---|---|
| Approval/Certificate/Document of Conformity | IECEX Certificate CB Testreport CB Certificate EAC certificate CCC Ex Certificate Declaration of Conformity ATEX Certificate Declaration of Conformity |
| Engineering Data | STEP |
| Engineering Data | EPLAN, WSCAD, Zuken E3.S |
| User Documentation | StorageConditionsTerminalBlocks |