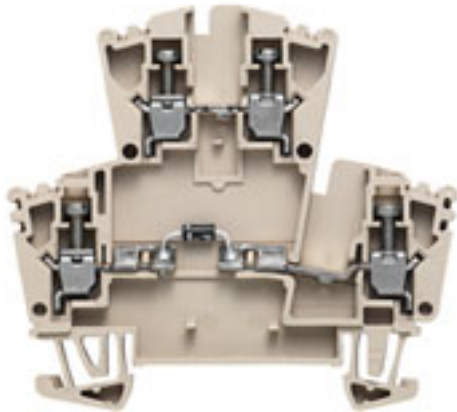


W-Series
WDK 2.5 1D

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com



The versatile and extensive range of products - from 0.05 mm² to 300 mm² - means that you have diverse options for your applications at your disposal. Hardened steel for mechanical strength and high-quality tinned copper for optimum conductivity. All materials comply with RoHS requirements and have been tested to current environment guidelines.

General ordering data

| | |
|------------|--|
| Order No. | 8025610000 |
| Type | WDK 2.5 1D |
| Version | W-Series, Component terminal, Rated cross-section: 2.5 mm ² , Screw connection, Direct mounting |
| GTIN (EAN) | 4008190150495 |
| Qty. | 25 pc(s). |

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Technical data
Dimensions and weights

| | | | |
|------------|---------|--------------------------|--------|
| Length | 69 mm | Width | 5.1 mm |
| Height | 62.5 mm | Height of lowest version | 63 mm |
| Net weight | 12.15 g | | |

Temperatures

| | | | |
|----------------------------------|--------|----------------------------------|--------|
| Operating temperature | | Storage temperature | |
| Continuous operating temp., min. | -50 °C | Continuous operating temp., max. | 120 °C |

Additional technical data

| | | | |
|-----------------------------|---------|---------------------|---|
| Explosion-tested version | No | Installation advice | Direct mounting |
| Number of similar terminals | 1 | Open sides | right |
| Type of mounting | Snap-on | Version | Screw connection, with diode, for screwable cross-connection, One end without connector |

Clampable wires (rated connection)

| | | | |
|---|---------------------|---|----------------------|
| Type of connection | Screw connection | Stripping length | 10 mm |
| Blade size | 0.6 x 3.5 mm | Connection direction | on side |
| Number of connections | 4 | Clamping range, rated connection, min. | 0.05 mm ² |
| Clamping range, rated connection, max. | 4 mm ² | Clamping screw | M 2.5 |
| Tightening torque, min. | 0.4 Nm | Tightening torque, max. | 0.6 Nm |
| Gauge to IEC 60947-1 | A3 | Wire connection cross section, solid core, max. rated connection | 0.5 mm ² |
| Wire connection cross section, solid core max. rated connection | 4 mm ² | Wire connection cross section, stranded, rated connection, min. | 1.5 mm ² |
| Wire connection cross section, stranded, rated connection, max. | 4 mm ² | Wire connection cross section, finely stranded, max. | 4 mm ² |
| Wire connection cross-section, finely stranded, min. | 0.5 mm ² | Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min. | 0.5 mm ² |
| Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max. | 2.5 mm ² | Wire connection cross section AWG, min. | AWG 26 |
| Wire connection cross section AWG, max. | AWG 12 | | |

Dimensions

| | |
|--------------|---------|
| TS 35 offset | 35.5 mm |
|--------------|---------|

Rated data

| | | | |
|---------------------------------|---------------------|---------------|---------------|
| Rated cross-section | 2.5 mm ² | Rated voltage | 0 V |
| Rated impulse withstand voltage | 6 kV | Rated current | 10 A |
| Current at maximum wires | 10 A | Standards | IEC 60947-7-1 |
| Pollution severity | 3 | | |

UL ratings data

| | | | |
|---|-----------------|---|--------|
| Certificate No. (UR) | E60693VOL1SEC38 | Voltage size C (UR) | 300 V |
| Current size C (UR) | 1 A | Conductor size Factory wiring max. (UR) | 12 AWG |
| Conductor size Factory wiring min. (UR) | 30 AWG | Conductor size Field wiring max. (UR) | 12 AWG |

Creation date July 15, 2013 7:10:09 PM CEST

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Technical data

Material data

| | | | |
|---------------------------|-------|--------|------------|
| Material | Wemid | Colour | Dark Beige |
| UL 94 flammability rating | V-0 | | |

System specifications

| | | | |
|-----------------------------------|----------|----------------------------------|------------------|
| Product family | W-Series | Type of connection | Screw connection |
| Connection direction | on side | Number of levels | 2 |
| Number of connections | 4 | No. of clamping points per level | 2 |
| Levels cross-connected internally | Yes | End cover plate required | Yes |

Classifications

| | | | |
|------------|-------------|------------|-------------|
| ETIM 2.0 | EC000903 | ETIM 3.0 | EC000903 |
| UNSPSC | 30-21-18-11 | eClass 4.1 | 27-14-11-27 |
| eClass 5.1 | 27-14-11-27 | eClass 6.2 | 27-14-11-27 |
| eClass 7.1 | 27-14-11-27 | | |

Product information

| | |
|---------------------------------|--|
| Descriptive text ordering data | 2.5 mm ² conductor with ferrule with plastic collar, with collar optimised for diameter only (order No. 1333100000, QTY 500). |
| Descriptive text technical data | Rated current is 10 A for continuous busbars only. Diode 1 N 4007 |

Approvals

Approvals



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