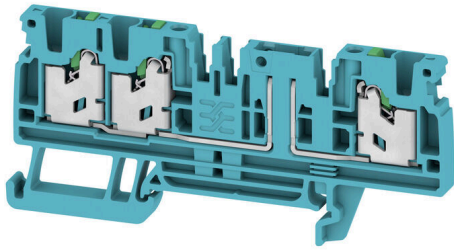


SDT 2.5 3C W/O DTLV BL**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

In some applications it makes sense to add a test point or a disconnect element to the feed through terminal for testing and safety purposes. With test disconnect terminals you measure electric circuits in the absence of voltage. While the disconnecting points clearance and creepage distance is not assessed in dimensional terms, the specified rated impulse voltage strength must be proven.

General ordering data

| | |
|------------|--|
| Version | Basic terminal for component plug, SNAP IN, 500, 20, 3 |
| Order No. | 2983290000 |
| Type | SDT 2.5 3C W/O DTLV BL |
| GTIN (EAN) | 4099986838574 |
| Qty. | 50 items |

SDT 2.5 3C W/O DTLV BL

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

www.weidmueller.com

Technical data

Approvals

Approvals



UL File Number Search [UL Website](#)
 Certificate No. (cURus) E60693

Dimensions and weights

| | | | |
|------------|---------|-----------------|-------------|
| Depth | 36.5 mm | Depth (inches) | 1.437 inch |
| Height | 84.5 mm | Height (inches) | 3.3268 inch |
| Width | 5.1 mm | Width (inches) | 0.2008 inch |
| Net weight | 13.09 g | | |

Temperatures

| | | | |
|----------------------------------|--------|----------------------------------|--------|
| Continuous operating temp., min. | -60 °C | Continuous operating temp., max. | 130 °C |
|----------------------------------|--------|----------------------------------|--------|

Environmental Product Compliance

RoHS Compliance Status Compliant without exemption
 REACH SVHC No SVHC above 0.1 wt%

Material data

| | | | |
|--------------------------------|-------|---------------------------|------|
| Basic material | Wemid | Colour | blue |
| Colour of operational elements | green | UL 94 flammability rating | V-0 |

System specifications

| | | | |
|-------------------------------------|-----|-----------------------------------|----|
| End cover plate required | Yes | Number of levels | 1 |
| Number of clamping points per level | 3 | Levels cross-connected internally | No |
| N-function | No | PE function | No |
| PEN function | No | | |

Additional technical data

| | | | |
|------------------|---------|--------------------------|-----|
| Open sides | right | Snap-on | Yes |
| Type of fixing | Snap-on | Explosion-tested version | No |
| Type of mounting | Snap-on | | |

Conductors for clamping (additional connection)

Connection type, additional connection SNAP IN

Conductors for clamping (rated connection)

| | | | |
|----------------------|---------------------|---|----------------------|
| Gauge to IEC 60947-1 | A3 | Wire connection cross section AWG, max. | AWG 14 |
| Connection direction | top | Stripping length | 10 mm |
| Type of connection | SNAP IN | Number of connections | 3 |
| Clamping range, max. | 2.5 mm ² | Clamping range, min. | 0.34 mm ² |

SDT 2.5 3C W/O DTLV BL

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Technical data

| | | | |
|---|---------------------|---|----------------------|
| Blade size | 0.6 x 3.5 mm | Wire connection cross section AWG, min. | AWG 22 |
| 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. | 0.34 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. | 0.34 mm ² |
| Wire connection cross section, finely stranded, max. | 4 mm ² | Wire connection cross section, finely stranded, min. | 0.34 mm ² |
| Connection cross-section, stranded, max. | 2.5 mm ² | Connection cross-section, stranded, min. | 0.34 mm ² |
| Wire connection cross-section, solid core, max. | 2.5 mm ² | Wire connection cross-section, solid core, min. | 0.34 mm ² |

General

| | | | |
|---|------------------|---|--------|
| Wire connection cross section AWG, max. | AWG 14 | Wire connection cross section AWG, min. | AWG 22 |
| Standards | DIN EN 60947-7-1 | | |

Rating data

| | | | |
|--|---------------------|---------------------------------|------------------|
| Rated cross-section | 2.5 mm ² | Rated voltage | 500 V |
| Rated DC voltage | 500 V | Nominal current | 20 A |
| Current at maximum wires | 20 A | Standards | DIN EN 60947-7-1 |
| Volume resistance according to IEC 60947-7-x | 1.33 mΩ | Rated impulse withstand voltage | 6 kV |
| Power loss in accordance with IEC 60947-7-x | 0.77 mW | Surge voltage category | III |
| Pollution severity | 3 | | |

UL rating data

| | | | |
|---------------------------------|--------|-------------------------|--------|
| Voltage size B (cURus) | 300 V | Voltage size D (cURus) | 600 V |
| Wire cross section max. (cURus) | 12 AWG | Certificate No. (cURus) | E60693 |
| Wire cross section min. (cURus) | 22 AWG | Current size B (cURus) | 20 A |
| Voltage size C (cURus) | 300 V | Current size C (cURus) | 20 A |
| Current size D (cURus) | 5 A | | |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC000897 | ETIM 9.0 | EC000897 |
| ETIM 10.0 | EC000897 | ECLASS 14.0 | 27-25-01-07 |
| ECLASS 15.0 | 27-25-01-07 | | |

