

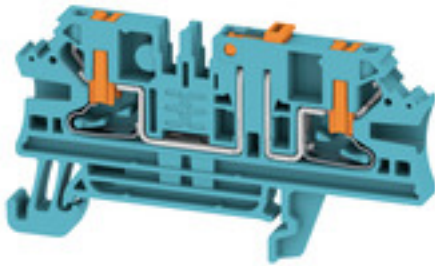
**ALDT 2.5 2C BL****Weidmüller Interface GmbH & Co. KG**

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    | Test-disconnect terminal, PUSH IN, blue, 2.5 mm <sup>2</sup> , 20 A, 500 V, Number of connections: 2, Number of levels: 1 |
| Order No.  | <a href="#">2898670000</a>  |
| Type       | ALDT 2.5 2C BL  |
| GTIN (EAN) | 4064675904274   |
| Qty.       | 50 pc(s).   |

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**Technical data****Dimensions and weights**

|            |        |                 |            |
|------------|--------|-----------------|------------|
| Depth      | 38 mm  | Depth (inches)  | 1.496 inch |
| Height     | 68 mm  | Height (inches) | 2.677 inch |
| Width      | 5.1 mm | Width (inches)  | 0.201 inch |
| Net weight | 8.5 g  |                 |            |

**Temperatures**

|                                  |                |                                  |        |
|----------------------------------|----------------|----------------------------------|--------|
| Storage temperature              | -25 °C...55 °C | Continuous operating temp., min. | -60 °C |
| Continuous operating temp., max. | 130 °C         |                                  |        |

**Material data**

|                                |        |                           |      |
|--------------------------------|--------|---------------------------|------|
| Material                       | Wemid  | Colour                    | blue |
| Colour of operational elements | orange | UL 94 flammability rating | V-0  |

**System specifications**

|                               |       |                                     |    |
|-------------------------------|-------|-------------------------------------|----|
| 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 |
| Rail                          | TS 35 | N-function                          | No |
| PE function                   | No    | PEN function                        | No |

**Additional technical data**

|                  |       |         |     |
|------------------|-------|---------|-----|
| Open sides       | right | Snap-on | Yes |
| Type of mounting | TS 35 |         |     |

**Conductors for clamping (additional connection)**

Connection type, additional connection PUSH IN

**Conductors for clamping (rated connection)**

|   |                      |   |                     |
|---|----------------------|---|---------------------|
| Blade size  | 0.6 x 3.5 mm         | Clamping range, max.  | 4 mm <sup>2</sup>   |
| Clamping range, min.  | 0.14 mm <sup>2</sup> | Connection cross-section, stranded, max.  | 4 mm <sup>2</sup>   |
| Connection cross-section, stranded, min.  | 0.5 mm <sup>2</sup>  | Connection direction  | on side             |
| Gauge to IEC 60947-1  | A3                   | Number of connections   | 2                   |
| Stripping length  | 10 mm                | Type of connection  | PUSH IN             |
| Type of connection 2  | PUSH IN              | Wire connection cross section AWG, max.   | AWG 12              |
| Wire connection cross section AWG, min.   | AWG 28               | Wire connection cross section, finely stranded, max.                                    | 4 mm <sup>2</sup>   |
| Wire connection cross section, finely stranded, min.                                    | 0.5 mm <sup>2</sup>  | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 2.5 mm <sup>2</sup> |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 0.5 mm <sup>2</sup>  | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 2.5 mm <sup>2</sup> |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.5 mm <sup>2</sup>  | Wire connection cross-section, solid core, max.   | 4 mm <sup>2</sup>   |
| Wire connection cross-section, solid core, min.   | 0.5 mm <sup>2</sup>  |   |                     |

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## Technical data

### Disconnect terminals

|                  |          |                      |     |
|------------------|----------|----------------------|-----|
| Cross-disconnect | without  | Integral test socket | Yes |
| Slitting         | Pivoting |                      |     |

### General

|   |        |   |               |
|---|--------|---|---------------|
| Rail                                    | TS 35  | Standards                               | IEC 60947-7-1 |
| Wire connection cross section AWG, max. | AWG 12 | Wire connection cross section AWG, min. | AWG 28        |

### Rating data

|  |                     |                                 |               |
|--|---------------------|---------------------------------|---------------|
| Rated cross-section                          | 2.5 mm <sup>2</sup> | Rated voltage                   | 500 V         |
| Rated DC voltage                             | 500 V               | Rated current                   | 20 A          |
| Current at maximum wires                     | 20 A                | Standards                       | IEC 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 W              | Pollution severity              | 3             |
| Surge voltage category                       | III                 |                                 |               |

### UL rating data

|  |                 |  |        |
|--|-----------------|--|--------|
| Certificate No. (cURus)                    | E0693VOL1SEC136 | Conductor size Factory wiring max. (cURus) | 12 AWG |
| Conductor size Factory wiring min. (cURus) | 26 AWG          | Conductor size Field wiring max. (cURus)   | 12 AWG |
| Conductor size Field wiring min. (cURus)   | 26 AWG          | Current size B (cURus)                     | 19 A   |
| Current size C (cURus)                     | 19 A            | Current size D (cURus)                     | 5 A    |
| Voltage size B (cURus)                     | 600 V           | Voltage size C (cURus)                     | 600 V  |
| Voltage size D (cURus)                     | 600 V           |  |        |

### Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000902    | ETIM 7.0    | EC000902    |
| ETIM 8.0    | EC000902    | ETIM 9.0    | EC000902    |
| ECLASS 9.0  | 27-14-11-26 | ECLASS 9.1  | 27-14-11-26 |
| ECLASS 10.0 | 27-14-11-26 | ECLASS 11.0 | 27-14-11-26 |
| ECLASS 12.0 | 27-14-11-26 | ECLASS 13.0 | 27-25-01-09 |
| ECLASS 14.0 | 27-25-01-09 |             |             |

### Environmental Product Compliance

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

### Approvals

Approvals



|                         |                 |
|-------------------------|-----------------|
| ROHS                    | Conform         |
| UL File Number Search   | UL Website      |
| Certificate No. (cURus) | E0693VOL1SEC136 |

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**Data sheet**

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**Technical data**

**Downloads**

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|   |  |
|---|--|
| Approval/Certificate/Document of Conformity | <a href="#">CE Declaration of Conformity</a> |
| Engineering Data                            | <a href="#">CAD data – STEP</a>              |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>     |

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**Drawings**

