

Surge protection base element - VAL-MS TE-AR - 2801302

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Terminal element for isolation of field wires. Provides separate field and house termination, tool-free isolation disconnect and test point. Design: 1-channel, bridgeable.

Product Features

- Tagout-ready, automatic locking disconnect
- Separate field and house wire termination.
- Tool-free field wire disconnect and test point.
- IP20 touch safe when connected.
- Tested for railway applications



Key Commercial Data

| | |
|--------------------------------------|---------------|
| Packing unit | 1 pc |
| Weight per Piece (excluding packing) | 1.0 g |
| Country of origin | United States |

Technical data

Note

| | |
|-------------------|--|
| Trade restriction | The products are offered exclusively for export outside the EU and the European Economic Area. |
|-------------------|--|

Dimensions

| | |
|--------|---------|
| Width | 17.7 mm |
| Height | 94 mm |
| Depth | 78 mm |

Ambient conditions

| | |
|---------------------------------|------------------|
| Degree of protection | IP20 |
| Ambient temperature (operation) | -40 °C ... 80 °C |

General

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Technical data

General

| | |
|--|---|
| Nominal voltage U_N | 500 V AC |
| Nominal current I_N | 76 A |
| Rated voltage | 500 V |
| Mounting type | DIN rail mounting with additional retaining screw |
| Number of positions | 1 |
| Color | black |
| Housing material | PA |
| Flammability rating according to UL 94 | V0 |
| Connection method | Screw terminal block |
| Connection type IN | Screw terminal blocks |
| Connection type OUT | Screw terminal blocks |
| Screw thread | M5 |
| Stripping length | 16 mm |
| Conductor cross section flexible min. | 0.5 mm ² |
| Conductor cross section flexible max. | 16 mm ² |
| Conductor cross section solid min. | 0.5 mm ² |
| Conductor cross section solid max. | 16 mm ² |
| Conductor cross section AWG min. | 20 |
| Conductor cross section AWG max. | 6 |

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 5.1 | 27130801 |
| eCl@ss 6.0 | 27130802 |
| eCl@ss 8.0 | 27130803 |

ETIM

| | |
|----------|----------|
| ETIM 4.0 | EC000381 |
| ETIM 5.0 | EC000472 |

Accessories

Accessories

Bridge

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Accessories

Plug-in bridge - FBS 2-18 - 2801068



Plug-in bridge for cross-connections in the VAL-MS BE-AR terminal center, 2-pos., color: Red

Plug-in bridge - FBS 2-18 - 2801068



Plug-in bridge for cross-connections in the VAL-MS BE-AR terminal center, 2-pos., color: Red

Insertion bridge

Insertion bridge - EB 56-18 - 3009299



Insertion bridge, Pitch: 18 mm, Number of positions: 56, Color: gray

Screwdriver tools

Screwdriver - SZS 0,8X4,0 VDE - 1212508



Screwdriver, slot-headed, VDE insulated, size: 0.8 x 4.0 x 100 mm, 2-component grip, with non-slip grip

Screwdriver - SZS 0,4X2,5 VDE - 1205037



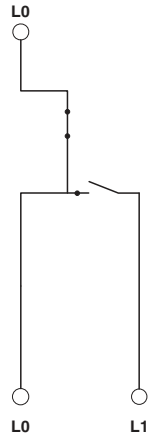
Screwdriver, slot-headed, VDE insulated, size: 0.4 x 2.5 x 80 mm, 2-component grip, with non-slip grip

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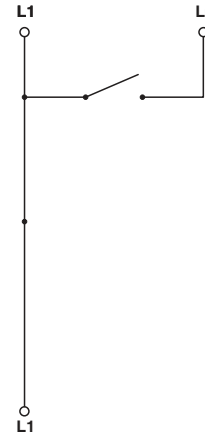
Accessories

Drawings

Connection diagram



Circuit diagram



Dimensional drawing

