

## 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.
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#### 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 <sup>2</sup>
Conductor cross section flexible max.	16 mm <sup>2</sup>
Conductor cross section solid min.	0.5 mm <sup>2</sup>
Conductor cross section solid max.	16 mm <sup>2</sup>
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

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### 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

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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

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### Insertion bridge

Insertion bridge - EB 56-18 - 3009299



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

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### 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

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



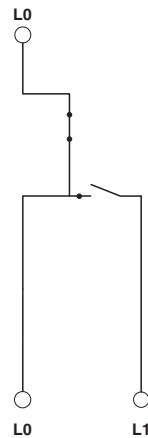
Screwdriver, slot-headed, VDE insulated, size: 0.4 x 2.5 x 80 mm, 2-component grip, with non-slip grip

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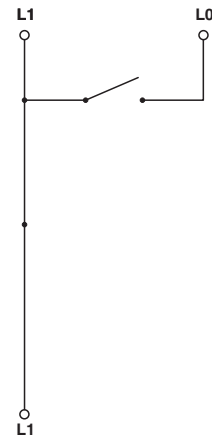
### Accessories

### Drawings

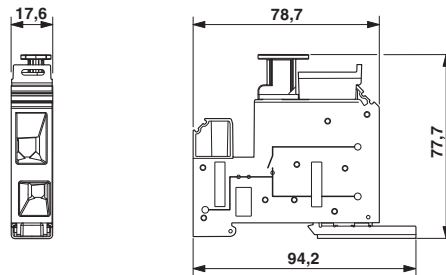
Connection diagram



Circuit diagram



Dimensional drawing



单击下面可查看定价，库存，交付和生命周期等信息

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