

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 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



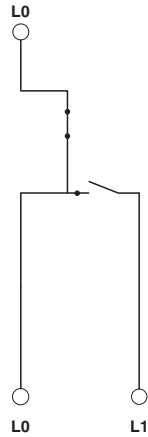
Screwdriver, slot-headed, VDE insulated, size: 0.4 x 2.5 x 80 mm, 2-component grip, with non-slip grip

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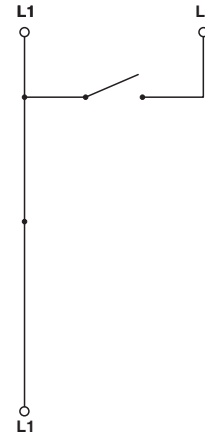
Accessories

Drawings

Connection diagram



Circuit diagram



Dimensional drawing

