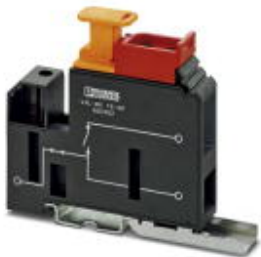


## Surge protection base element - VAL-MS TE-AR - 2801302

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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.

### Why buy this product

- ✓ 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

RoHS

### Key Commercial Data

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit                         | 1 STK                                                                                                   |
| GTIN                                 | <br>4 046356 895613 |
| GTIN                                 | 4046356895613                                                                                           |
| Weight per Piece (excluding packing) | 1.000 g                                                                                                 |
| Custom tariff number                 | 85363010                                                                                                |
| 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   |

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

### Technical data

#### Dimensions

|       |       |
|-------|-------|
| Depth | 78 mm |
|-------|-------|

#### Ambient conditions

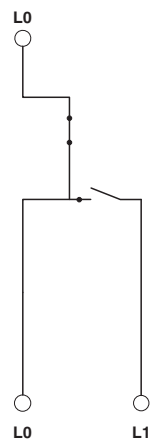
|                                 |                  |
|---------------------------------|------------------|
| Degree of protection            | IP20             |
| Ambient temperature (operation) | -40 °C ... 80 °C |

#### General

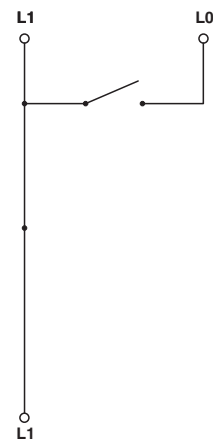
|                                        |                                                   |
|----------------------------------------|---------------------------------------------------|
| Nominal voltage $U_N$                  | 500 V AC                                          |
| Nominal current $I_N$                  | 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                                                |

### Drawings

Connection diagram

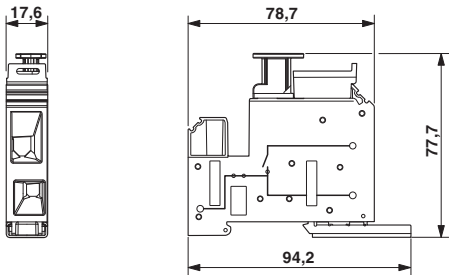


Circuit diagram



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

Dimensional drawing



## Classifications

eCl@ss

|            |          |
|------------|----------|
| eCl@ss 5.1 | 27130801 |
| eCl@ss 6.0 | 27130802 |
| eCl@ss 8.0 | 27130803 |
| eCl@ss 9.0 | 27130803 |

ETIM

|          |          |
|----------|----------|
| ETIM 4.0 | EC000381 |
| ETIM 5.0 | EC000472 |
| ETIM 6.0 | EC000472 |

UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 13.2 | 39121620 |
|-------------|----------|

## Accessories

Accessories

Bridge

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

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

### 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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### 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

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