

**VPU AC I O MOV 950/12.5****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

In the event of a defective arrester, you can easily reorder this spare arrester, replace the defective arrester and thus restore protection.

**General ordering data**

|            |                                                |
|------------|------------------------------------------------|
| Version    | Spare arrester, Surge protection, IT without N |
| Order No.  | <a href="#">2855250000</a>                     |
| Type       | VPU AC I O MOV 950/12.5                        |
| GTIN (EAN) | 4064675533061                                  |
| Qty.       | 1 pc(s).                                       |

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## Technical data

## Dimensions and weights

|            |       |                |            |
|------------|-------|----------------|------------|
| Depth      | 91 mm | Depth (inches) | 3.583 inch |
| Width      | 18 mm | Width (inches) | 0.709 inch |
| Net weight | 128 g |                |            |

## Temperatures

|                     |                       |                       |                |
|---------------------|-----------------------|-----------------------|----------------|
| Storage temperature | -40 °C...85 °C        | Operating temperature | -40 °C...85 °C |
| Humidity            | 5 - 95% rel. humidity |                       |                |

## General data

|                 |        |                   |                         |
|-----------------|--------|-------------------|-------------------------|
| Number of poles | 1      | Protection degree | IP20 in installed state |
| Colour          | orange |                   |                         |

## Insulation coordination acc. to EN 50178

|                    |   |
|--------------------|---|
| Pollution severity | 2 |
|--------------------|---|

## Rated data IEC / EN

|                                                                 |                 |                                                |              |
|-----------------------------------------------------------------|-----------------|------------------------------------------------|--------------|
| Discharge current $I_{\max}$ (8/20 $\mu$ s) wire-PE             | 50 kA           | Discharge current $I_n$ (8/20 $\mu$ s) wire-PE | 20 kA        |
| Energy coordination ( $\leq 10$ m)                              | Type I, Type II | Frequency range, max.                          | 60 Hz        |
| Frequency range, min.                                           | 50 Hz           | Fuse                                           | 160 A gG     |
| Integrated back-up fuse                                         | No              | Leakage current at $U_n$                       | 0.3 mA       |
| Lightning test current $I_{\text{imp}}$ (10/350 $\mu$ s) (L-PE) | 12.5 kA         | Low voltage network                            | IT without N |
| Max. continuous voltage, $U_c$ (AC)                             | 550 V           | Number of poles                                | 1            |
| Rated voltage (AC)                                              | 550 V           | Short-circuit current rating $I_{\text{SCCR}}$ | 25 kA        |
| Voltage type                                                    | AC              |                                                |              |

## Connection data

|                    |                    |
|--------------------|--------------------|
| Type of connection | Plug-in connection |
|--------------------|--------------------|

## Electrical data

|              |    |
|--------------|----|
| Voltage type | AC |
|--------------|----|

## Guarantee

|               |         |
|---------------|---------|
| Time interval | 5 years |
|---------------|---------|

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000941    | ETIM 7.0    | EC000941    |
| ETIM 8.0    | EC000941    | ETIM 9.0    | EC000941    |
| ETIM 10.0   | EC000941    | ECLASS 9.0  | 27-13-08-05 |
| ECLASS 9.1  | 27-13-08-05 | ECLASS 10.0 | 27-13-08-05 |
| ECLASS 11.0 | 27-13-08-05 | ECLASS 12.0 | 27-17-90-90 |
| ECLASS 13.0 | 27-17-90-90 | ECLASS 14.0 | 27-17-90-90 |
| ECLASS 15.0 | 27-17-90-90 |             |             |

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[www.weidmueller.com](http://www.weidmueller.com)**Technical data****Environmental Product Compliance**

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

**Approvals**

Approvals



|                 |                                                                                                                                                                             |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approvals MAMID | <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/</a> |
| ROHS            | Conform                                                                                                                                                                     |

**Downloads**

|                                             |                                                                         |
|---------------------------------------------|-------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">CE Konformitätserklärung / CE Declaration of Conformity</a> |
| User Documentation                          | <a href="#">Beipackzettel / Instruction sheet</a>                       |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>                                |

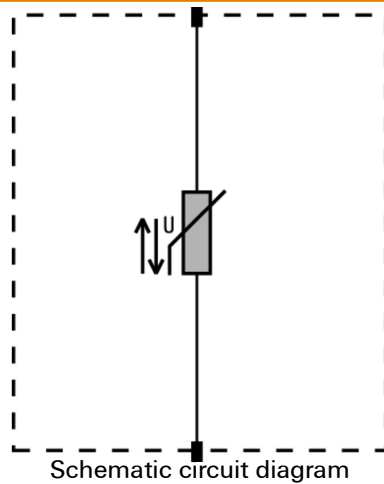
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# Drawings

## Electric symbol

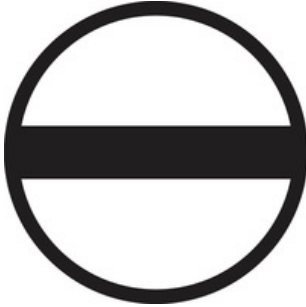


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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Slotted screwdriver**

VDE insulated slot-head screwdriver, SDI DIN 7437, ISO 2380/2, drive output acc. to DIN 5264, ISO 2380/1. SoftFinish grip

**General ordering data**

|            |                            |                                                                   |
|------------|----------------------------|-------------------------------------------------------------------|
| Type       | SDIS 1.0X5.5X125           | Version                                                           |
| Order No.  | <a href="#">2749850000</a> | Screwdriver, Blade width (B): 5.5 mm, Blade length: 125 mm, Blade |
| GTIN (EAN) | 4050118897050              | thickness (A): 1 mm                                               |
| Qty.       | 1 pc(s).                   |                                                                   |

**Crosshead screwdriver Phillips**

VDE insulated crosshead screwdriver, for Phillips screws, SDIK PH DIN 7438, ISO 8764/2-PH, output to ISO 8764-PH, SoftFinish grip

**General ordering data**

|            |                            |                                                                   |
|------------|----------------------------|-------------------------------------------------------------------|
| Type       | SDIK PH1 X 80              | Version                                                           |
| Order No.  | <a href="#">2749890000</a> | Screwdriver, Blade width (B): 1 mm, 80 mm, Blade thickness (A): 1 |
| GTIN (EAN) | 4050118897098              |                                                                   |
| Qty.       | 1 pc(s).                   |                                                                   |