

**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,<br>$U_P(L/N-PE) \leq 4000 \text{ V}$ |
| 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

|                           |                         |                          |                    |
|---------------------------|-------------------------|--------------------------|--------------------|
| Colour                    | orange                  | Design                   | Insta IP 20        |
| Operating altitude        | ≤ 2000 m                | Optical function display | No                 |
| Protection degree         | IP20 in installed state | Segment                  | Power distribution |
| UL 94 flammability rating | V-0                     | Version                  | Surge protection   |

## Insulation coordination acc. to EN 50178

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

## Rated data IEC / EN

|   |                 |  |          |
|---|-----------------|--|----------|
| Discharge current $I_{\max}$ (8/20μs) wire-PE | 50 kA           | Discharge current $I_n$ (8/20μs) wire-PE                   | 20 kA    |
| Energy coordination (≤10 m)                   | Type I, Type II | Frequency range, max.                                      | 60 Hz    |
| Frequency range, min.                         | 50 Hz           | Fuse   | 160 A gG |
| Leakage current at $U_n$                      | 0.3 mA          | Lightning test current $I_{\text{imp}}$ (10/350 μs) (L-PE) | 12.5 kA  |
| Low voltage network                           | IT without N    | Max. continuous voltage, $U_c$ (AC)                        | 550 V    |
| Number of poles                               | 3               | Protection level $U_p$ (typ.)                              | ≤ 4000 V |
| 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 |
|--------------------|--------------------|

## Guarantee

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

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000941    | ETIM 7.0    | EC000941    |
| ETIM 8.0    | EC000941    | ETIM 9.0    | 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 |

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[www.weidmueller.com](http://www.weidmueller.com)**Technical data****Approvals**

Approvals



ROHS

Conform

**Downloads**

Approval/Certificate/Document of Conformity

[CE\\_Konformitätserklärung / CE\\_Declaration\\_of\\_Conformity](#)

User Documentation

[Beipackzettel / Instruction sheet](#)

Catalogues

[Catalogues in PDF-format](#)

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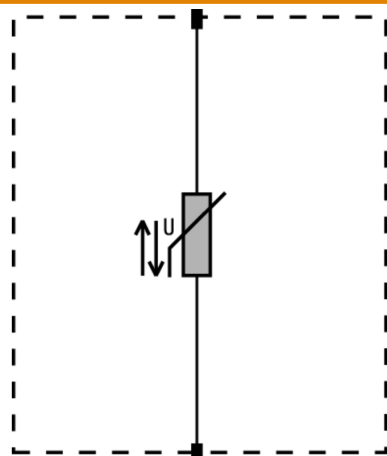
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## Drawings

### Electric symbol



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

**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).                   |   |