# VPU AC I 0 950/12.5

**Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 26
D-32758 Detmold
Germany

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. | 2855240000 |
| Type | VPU AC I 0 950/12.5 |
| GTIN (EAN) | 4064675533030 |
| Qty. | 1 pc(s). |

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## Technical data

### Dimensions and weights

| | | | |
|---|---|---|---|
| Depth | 80 mm | Depth (inches) | 3.15 inch |
| Height | 45 mm | Height (inches) | 1.772 inch |
| Width | 18 mm | Width (inches) | 0.709 inch |
| Net weight | 130 g | | |

### Temperatures

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

### Rated data UL

| | | | |
|---|---|---|---|
| Rated Voltage $U_N$ | 400 V | $I_n$ | 20 kA |

### General data

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

### Insulation coordination acc. to EN 50178

| | | | |
|---|---|---|---|
| Pollution severity | 2 | Surge voltage category | IV |

### 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 |
| Integrated back-up fuse | No | Leakage current at $U_n$ | 0.3 mA |
| Lightning test current $I_{imp}$ (10/350 µs) (L-PE) | 12.5 kA | Low voltage network | IT without N |
| Max. continuous voltage, Uc (AC) | 440 V | Number of poles | 1 |
| Rated voltage (AC) | 800 V | Requirements class, acc. to EN 61643-11 | T1 |
| Response time | ≤ 25 ns | Short-circuit current rating $I_{SCCR}$ | 25 kA |
| Signalling contact | No | Standards | IEC61643-11, EN61643-11 |
| Voltage type | AC | | |

### Connection data

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

### Electrical data

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

### Guarantee

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

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### 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 | | |

### Environmental Product Compliance

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

### Approvals

| | |
|---|---|
| Approvals | CE |
| Approvals MAMID | https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ |
| ROHS | Conform |

### Downloads

| | |
|---|---|
| Approval/Certificate/Document of Conformity | CE_Konfimitätserklärung / CE_Declaration_of_Conformity |
| User Documentation | Beipackzettel / Instruction sheet |
| Catalogues | Catalogues in PDF-format |

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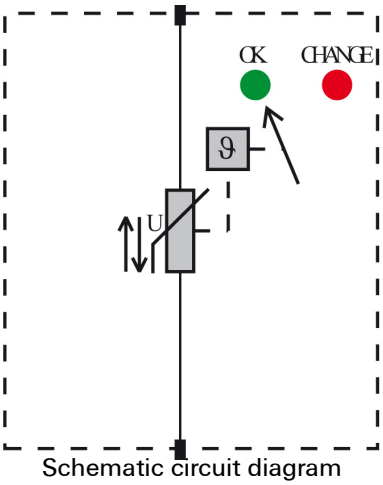
# Drawings

### Electric symbol




Schematic circuit diagram

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## Accessories

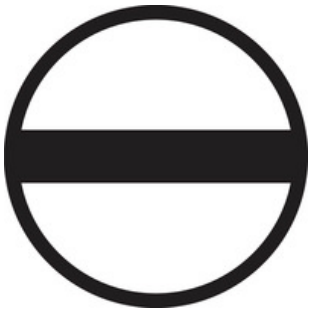
### Crosshead screwdriver Phillips

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. | 2749890000 | 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. | 2749850000 | Screwdriver, Blade width (B): 5.5 mm, Blade length: 125 mm, Blade thickness (A): 1 mm |
| GTIN (EAN) | 4050118897050 | |
| Qty. | 1 pc(s). | |