

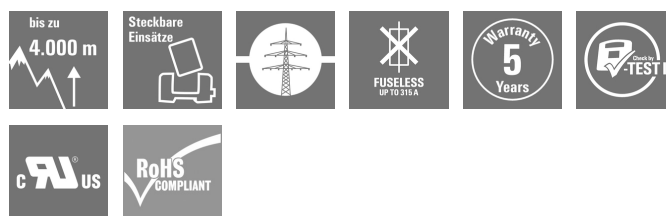
VPU AC II O 150/50**Weidmüller Interface GmbH & Co. KG**

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, $U_p(L/N-PE) \leq 1.25 \text{ kV}$ |
| Order No. | 2591640000 |
| Type | VPU AC II O 150/50 |
| GTIN (EAN) | 4050118599305 |
| Qty. | 1 pc(s). |

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Technical data

Dimensions and weights

| | | | |
|------------|-------|-----------------|------------|
| Depth | 64 mm | Depth (inches) | 2.52 inch |
| Height | 45 mm | Height (inches) | 1.772 inch |
| Width | 18 mm | Width (inches) | 0.709 inch |
| Net weight | 58 g | | |

Temperatures

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

Rated data UL

| | | | |
|--|-------|-------------------------|--------------|
| Ambient temperature (operational), max. 85 °C | | Rated Voltage U_N | 120 V |
| MCOV (L/N-PE) | 150 V | SCCR | 200 kA |
| I_n | 20 kA | Category | SPD TYPE 1CA |
| Ambient temperature (operational), min. -40 °C | | Certificate No. (cURus) | E354261 |
| VPR (L-N) | 600 V | VPR (L-PE) | 600 V |
| Voltage type | AC | | |

General data

| | | | |
|--------------------|-------------------------|---------------------------|---|
| Colour | orange | Design | Installation housing; 1TE |
| Operating altitude | ≤ 2000 m | Optical function display | green = OK; red = arrester is defective - replace |
| Protection degree | IP20 in installed state | Rail | TS 35 |
| Segment | Power distribution | UL 94 flammability rating | V-0 |
| Version | Surge protection | | |

Rated data IEC / EN

| | | | |
|---|---|---|----------------------------------|
| Combined pulse U_{OC} | 6 kV | Discharge current (type III) | 3 kA |
| Discharge current I_{max} (8/20μs) wire-PE | 50 kA | Energy coordination (≤10 m) | Type II, Type III |
| Follow-on current extinguishing capability I_{fi} | Follow current need not be taken into account | Frequency range, max. | 60 Hz |
| Frequency range, min. | 50 Hz | Leakage current at U_n | 0.3 mA |
| Max. continuous voltage, U_c (AC) | 150 V | Number of poles | 1 |
| Protection level U_p (typ.) | ≤ 1.25 kV | Rated voltage (AC) | 120 V |
| Requirements category acc. to IEC 61643-11 | Type II, Type III | Requirements class, acc. to EN 61643-11 | T2, T3 |
| Response time | ≤ 25 ns | Standards | IEC61643-11, EN61643-11, UL 1449 |
| Voltage type | AC | | |

Connection data

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

Guarantee

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

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Technical data

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 |

Environmental Product Compliance

| | |
|------------------------|-----------------------------|
| REACH SVHC | / |
| RoHS Compliance Status | Compliant without exemption |

Approvals

Approvals



| | |
|-------------------------|------------|
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate No. (cURus) | E354261 |

Downloads

| | |
|---|---|
| Approval/Certificate/Document of Conformity | EU_Konformitätserklärung / EU_Declaration_of_Conformity |
| Engineering Data | CAD data – STEP |
| Tender specification | Ausschreibungstext DE Tenderspecification EN |
| User Documentation | Beipackzettel / Instruction sheet |
| Catalogues | Catalogues in PDF-format |

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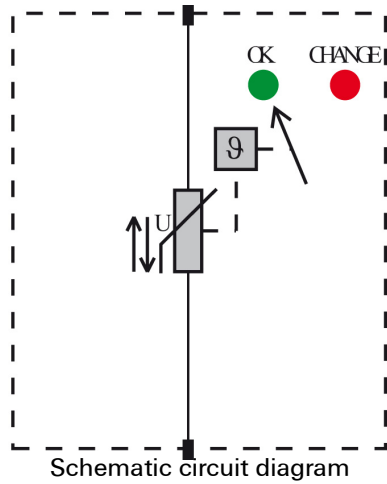
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Drawings

Electric symbol



VPU AC II 0 150/50**Weidmüller Interface GmbH & Co. KG**

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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. | 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 |
| GTIN (EAN) | 4050118897050 | thickness (A): 1 mm |
| Qty. | 1 pc(s). | |