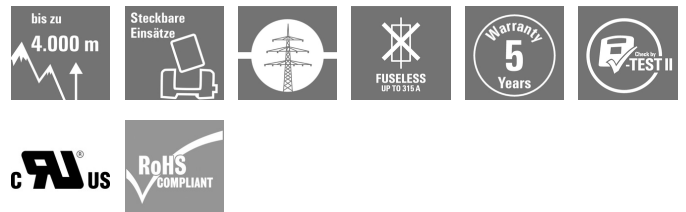


## VPU AC II 0 150/50

**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.  | <a href="#">2591640000</a>   |
| Type       | VPU AC II 0 150/50   |
| GTIN (EAN) | 4050118599305  |
| Qty.       | 1 Stück  |

## VPU AC II O 150/50

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## Technische Daten

### 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 |
| Operating temperature, min. | -40 °C                | Operating temperature, max. | 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  | 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

|   |   |   |                                  |
|---|---|---|----------------------------------|
| Discharge current $I_{max}$ (8/20 $\mu$ s) 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                                       | Requirements class, acc. to EN 61643-11 | T2                               |
| 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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## Technische Daten

### Classifications

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

### Approvals

Approvals



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

### Downloads

|   |   |
|---|---|
| Approval/Certificate/Document of Conformity | <a href="#">EAC VPU SERIES</a><br><a href="#">EU Konformitätserklärung / EU Declaration of Conformity</a> |
| Engineering Data                            | <a href="#">CAD data – STEP</a>   |
| Tender specification                        | <a href="#">Ausschreibungstext DE</a><br><a href="#">Tenderspecification EN</a>                           |
| User Documentation                          | <a href="#">Beipackzettel / Instruction sheet</a>   |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>  |

Zeichnungen

Electric symbol

