

**VPU AC IOT II O 300/50****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

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**General ordering data**

|            |  |
|------------|--|
| Version    | Spare arrester, Surge protection, Single-phase |
| Order No.  | <a href="#">2810460000</a>                     |
| Type       | VPU AC IOT II O 300/50                         |
| GTIN (EAN) | 4064675280019                                  |
| 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 |                       |                |

## General data

|                    |                         |                           |   |
|--------------------|-------------------------|---------------------------|---|
| Colour             | orange                  | Design                    | Installation housing; 1TE, Insta IP 20            |
| Operating altitude | ≤ 4000 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        |                           |   |

## Insulation coordination acc. to EN 50178

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

## 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 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                  | Low voltage network                                 | Single-phase                                  |
| Mains voltage                                 | 230 V / 400 V           | Max. continuous voltage, $U_c$ (AC)                 | 300 V   |
| Number of poles                               | 1                       | Protection level $U_p$ at $I_N$ (L/N-PE)            | ≤ 1.5 kV                                      |
| Rated voltage (AC)                            | 240 V                   | Requirements category acc. to IEC 61643-11          | Type II                                       |
| Requirements class, acc. to EN 61643-11       | T2                      | Response time                                       | ≤ 25 ns                                       |
| SPD type                                      | T2                      | Short-circuit current rating $I_{SCCR}$             | 50 kA   |
| Standards                                     | IEC61643-11, EN61643-11 | Voltage type  | AC  |

## Connection data

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

## Guarantee

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

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|             |             |             |             |
|-------------|-------------|-------------|-------------|
| 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 |

**Approvals**

Approvals



ROHS

Conform

**Downloads**Approval/Certificate/Document of Con-  
formity[EU\\_Konformitätserklärung / EU\\_Declaration\\_of\\_Conformity](#)

Catalogues

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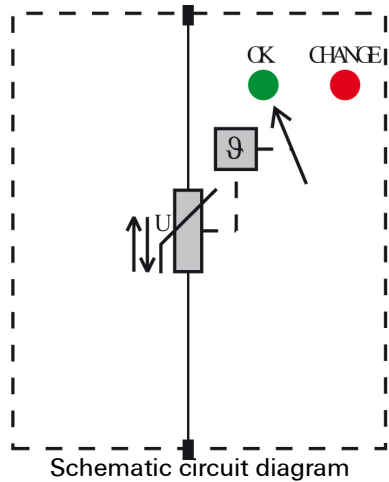
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# Drawings

## Electric symbol

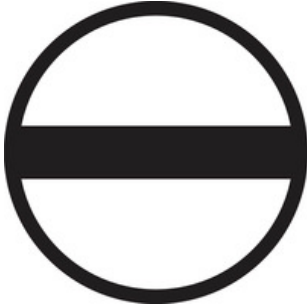


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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Slotted screwdriver**

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).                   |   |