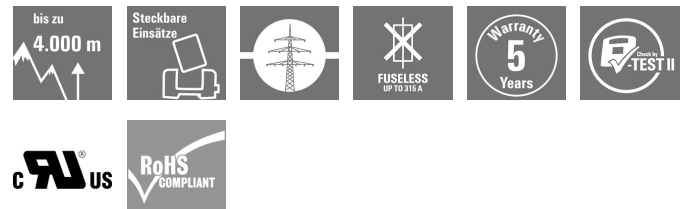


## VPU AC II 0 N-PE 305/65 Y

**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, TT nur für N-PE |
| Order No.  | <a href="#">2659950000</a>                        |
| Type       | VPU AC II 0 N-PE 305/65 Y                         |
| GTIN (EAN) | 4050118679397                                     |
| Qty.       | 1 Stück   |

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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 | 70 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 $U_N$     | 240 V        |
| VPR (N-PE)                              | 1,000 V | MCOV (N-PE)             | 305 V        |
| $I_n$                                   | 20 kA   | Category                | SPD TYPE 1CA |
| Ambient temperature (operational), min. | -40 °C  | Certificate No. (cURus) | E354261      |
| Voltage type                            | AC      |                         |              |

### General data

|                          |   |                           |                         |
|--------------------------|---|---------------------------|-------------------------|
| Colour                   | blue  | Operating altitude        | ≤ 4000 m                |
| Optical function display | green = OK; red = arrester is defective - replace | 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 | Surge voltage category | III |
|--------------------|---|------------------------|-----|

### Rated data IEC / EN

|   |                                  |  |                 |
|---|----------------------------------|--|-----------------|
| Discharge current $I_{max}$ (8/20μs) N-PE | 65 kA                            | Discharge current $I_n$ (8/20μs) N-PE        | 40 kA           |
| Energy coordination (≤10 m)               | Type II, Type III                | Frequency range, max.                        | 60 Hz           |
| Frequency range, min.                     | 50 Hz                            | Fuse   | 100 A gL        |
| Leakage current at $U_n$                  | 0.1 μA                           | Low voltage network                          | TT nur für N-PE |
| Max. continuous voltage, $U_c$ (N-PE)     | 305 V                            | Protection level $U_p$ at $I_n$ (N-PE)       | ≤ 1.5 kV        |
| Rated voltage (AC)                        | 230 V                            | Requirements category acc. to IEC 61643-11   | Type II         |
| Requirements class, acc. to EN 61643-11   | T2                               | Response time                                | ≤ 100 ns        |
| SPD type                                  | T2                               | Short-circuit current rating $I_{SCCR}$      | 0.1 kA          |
| Standards                                 | IEC61643-11, EN61643-11, UL 1449 | Temporary surge voltage (over-voltage) - TOV | 1,200 V         |
| Voltage type                              | AC                               |  |                 |

### Connection data

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

### Guarantee

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

Erstellungs-Datum June 5, 2023 10:10:06 AM CEST

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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 |

### Important note

Product information Only applicable to IT power systems where the earth on the distribution transformer is interconnected with the earth on the consumer side (RE=RA in Figure 44.A1 of IEC 60634-4-44:2018).

### Approvals

Approvals



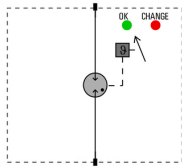
|                         |            |
|-------------------------|------------|
| ROHS                    | Conform    |
| UL File Number Search   | UL Website |
| Certificate No. (cURus) | E354261    |

### 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>   |
| User Documentation                          | <a href="#">Beipackzettel / Instruction sheet</a>   |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>  |

**Zeichnungen**

**Electric symbol**



Schematic circuit diagram