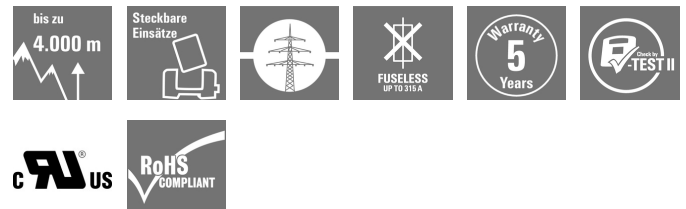


**VPU AC II 0 N-PE 305/65 Y****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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, $U_P(L/N-PE) \leq 1.5 \text{ kV}$ |
| Order No.  | <a href="#">2659950000</a>                                                           |
| Type       | VPU AC II 0 N-PE 305/65 Y                                                            |
| GTIN (EAN) | 4050118679397                                                                        |
| 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 |
| Net weight     | 70 g       | Width           | 18 mm      |
| Width (inches) | 0.709 inch |                 |            |

## Temperatures

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

## Rated data UL

|                         |              |                                                |         |
|-------------------------|--------------|------------------------------------------------|---------|
| Operating altitude      | ≤ 4000 m     | 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

|                        |          |                    |   |
|------------------------|----------|--------------------|---|
| Operating altitude     | ≤ 4000 m | 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    |
| 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 $U_p$ (typ.)             | ≤ 1.5 kV                              | 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 Ed.4 | Temporary surge voltage (over-voltage) - TOV | 1,200 V  |
| Voltage type                              | AC                                    |                                              |          |

## Connection data

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

## Ratings IECEx/ATEX/cUL

|                         |         |
|-------------------------|---------|
| Certificate no. (cULus) | E354261 |
|-------------------------|---------|

Creation date March 29, 2021 8:26:14 PM CEST

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## Technical data

## Guarantee

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

## Classifications

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

## 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 | E354261 |

## Downloads

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">EAC VPU SERIES Declaration of Conformity</a> |
| User Documentation                          | <a href="#">Instruction sheet</a>                        |

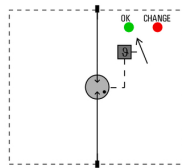
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# Drawings

## Electric symbol



## Schematic circuit diagram