

VPU AC I O N-PE 305/50 LH

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 | , Surge protection |
| Order No. | 2983630000 |
| Type | VPU AC I O N-PE 305/50 LH |
| GTIN (EAN) | 4099986839755 |
| Qty. | 1 items |

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Technical data

Approvals

Approvals



| | |
|-------------------------|----------------------------|
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate No. (cURus) | E3542610000 |

Dimensions and weights

| | | | |
|------------|--------|-----------------|-------------|
| Depth | 64 mm | Depth (inches) | 2.5197 inch |
| Height | 45 mm | Height (inches) | 1.7716 inch |
| Width | 18 mm | Width (inches) | 0.7087 inch |
| Net weight | 50.8 g | | |

Temperatures

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

Probability of failure

| | |
|------|------|
| MTBF | 15 a |
|------|------|

Environmental Product Compliance

| | |
|------------------------|-----------------------------|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC | No SVHC above 0.1 wt% |

Rated data UL

| | |
|-------------------------|-------------|
| Certificate No. (cURus) | E3542610000 |
|-------------------------|-------------|

General data

| | | | |
|--------------------------|---|---------------------------|-------------------------|
| Optical function display | green = OK; red = arrester is defective - replace | Version | Surge protection |
| Design | Installation housing, Insta IP 20 | UL 94 flammability rating | V-0 |
| Colour | orange, black, blue | Protection degree | IP20 in installed state |
| Mounting rail | TS 35 | Acoustic signal | No |
| Operating altitude | ≤ 4000 m | | |

Insulation coordination acc. to EN 50178

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

Rated data IEC / EN

| | | | |
|----------------------------------|--------|--|----------|
| Number of poles | 1 | Signalling contact | No |
| Rated voltage (AC) | 240 V | Protection level Up at IN (N-PE) | ≤ 1500 V |
| Protection level, UP wire - wire | 1500 V | Protection level, UP wire - PE | 1500 V |
| Voltage type | AC | Temporary surge voltage (over-voltage) - 442 V TOV | |

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| | | | |
|--|----------------------------|--|---------------------------|
| Frequency range, max. | 60 Hz | Frequency range, min. | 50 Hz |
| Standards | IEC61643-11, EN61643-11 | Requirements class, acc. to EN 61643-11 | T1, T2 |
| Requirements category acc. to IEC 61643-11 | Type I, Type II | Max. continuous voltage, U _c (AC) | 300 V |
| Mains voltage | 230 V / 400 V | Discharge current I _{max} (8/20μs) N-PE | 100 kA |
| Discharge current I _n (8/20μs) N-PE | 50 kA | Energy coordination (≤10 m) | Type I, Type II, Type III |
| Acoustic signal | No | Short-circuit current rating ISCCR | 50 kA |
| Integrated back-up fuse | No | | |

Connection data

| | | | |
|---|--------------------|---------------------------------|--------------------|
| Type of connection | Plug-in connection | Wire cross-section, solid, max. | 35 mm ² |
| Wire connection cross section, finely stranded, max. | 25 mm ² | | |

Electrical data

| | | | |
|--------------|----|--|--|
| Voltage type | AC | | |
|--------------|----|--|--|

General data

| | | | |
|-----------------|---------------------|-------------------|-------------------------|
| Number of poles | 1 | Protection degree | IP20 in installed state |
| Colour | orange, black, blue | | |

Guarantee

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

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC001457 | ETIM 9.0 | EC001457 |
| ETIM 10.0 | EC001457 | ECLASS 14.0 | 27-17-12-04 |
| ECLASS 15.0 | 27-17-12-04 | | |

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Accessories

Slotted screwdriver

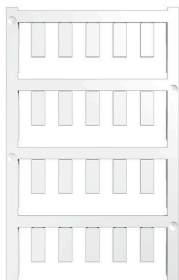


VDE insulated slot-head screwdriver, SDI DIN 7437, ISO 2380/2, drive output acc. to DIN 5264, ISO 2380/1. SoftFinish grip

General ordering data

| | | | |
|------------|----------------------------|---|--|
| Type | SDIS 1.0X5.5X125 | Version | |
| Order No. | 2749850000 | Screwdriver, Blade width (B): 5.5 mm, Blade length: 125 mm, Blade thickness (A): 1 mm | |
| GTIN (EAN) | 4050118897050 | | |
| Qty. | 1 ST | | |

Blank



ESG is the tried-and-tested marker in MultiCard format for use on many well-known electrical devices. The result is high-quality device marking with a high-contrast appearance.

Various types are available for devices from manufacturers like Siemens, ABB, Beckhoff etc.

Advantages at a glance:

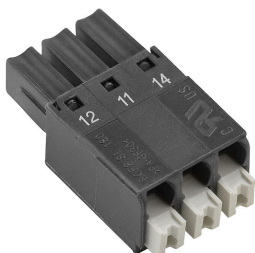
- Tags for universal usage, self-adhesive or clip-on tags, depending on type
- For aligned equipment, e.g. circuit breakers, we supply ESG markers for clipping onto tag rails
- Individual laser-quality printing according to specifications

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

| | | | |
|------------|----------------------------|--|--|
| Type | ESG 6/15 K MC NE WS | Version | |
| Order No. | 1880100000 | ESG, Device markers x 15 mm, PA 66, Colour: white, Self-adhesive | |
| GTIN (EAN) | 4032248478781 | | |
| Qty. | 200 ST | | |

VPU Series



Extensive accessories round off the product range

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Accessories

General ordering data

| | | | |
|------------|----------------------------|---------|--|
| Type | VPU LOCKING CLIP S | Version | |
| Order No. | 2735080000 | | |
| GTIN (EAN) | 4050118826050 | | |
| Qty. | 10 ST | | |