

VPU AC I O N-PE 305/100 2PE

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, Leakage-current-free, Surge protection, TT nur für N-PE
Order No.	2733790000
Type	VPU AC I O N-PE 305/100 2PE
GTIN (EAN)	4050118813876
Qty.	1 items

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Technical data

Approvals

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ROHS Conform

Dimensions and weights

Depth	80 mm	Depth (inches)	3.1496 inch
Height	45 mm	Height (inches)	1.7716 inch
Width	18 mm	Width (inches)	0.7087 inch
Net weight	107 g		

Temperatures

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

Environmental Product Compliance

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

General data

Optical function display	green = OK; red = arrester is defective - replace	Version	Leakage-current-free, Surge protection
Design	Installation housing; 1TE	UL 94 flammability rating	V-0
Colour	blue	Protection degree	IP20 in installed state
Operating altitude	≤ 4000 m		

Rated data IEC / EN

Number of poles	1	Leakage current at Un	1 µA
Rated voltage (AC)	305 V	Low voltage network	TT nur für N-PE
Voltage type	AC	Temporary surge voltage (over-voltage) - TOV	1200 V
Response time / fallback time	<100 ns	Frequency range, max.	60 Hz
Frequency range, min.	50 Hz	Standards	IEC61643-11, EN61643-11, UL 1449
Lightning test current, Iimp (10/350 µs) (N-PE)	100 kA	Requirements class, acc. to EN 61643-11	T1, T2
Requirements category acc. to IEC 61643-11	Type I, Type II	Max. continuous voltage, Uc (N-PE)	305 V
Mains voltage	240 V	Discharge current I _{max} (8/20µs) N-PE	150 kA
Discharge current I _n (8/20µs) N-PE	100 kA	Energy coordination (≤10 m)	Type I, Type II, Type III
Discharge current I _n (8/20µs) wire-PE	25 kA	Short-circuit current rating ISCCR	0.1 kA
Integrated back-up fuse	No		

Connection data

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

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Electrical data

Voltage type	AC
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General data

Number of poles	1	Protection degree	IP20 in installed state
Colour	blue		

Guarantee

Time interval	5 years
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Important note

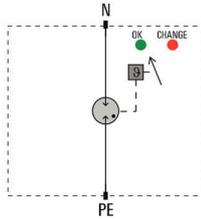
Product information	Only applicable to IT power systems where the earth on the distribution transformer is interconnected with the earth on the consumer side (RE=RA in Figure 44.A1 of IEC 60634-4-44:2018).
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Classifications

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		

Drawings

Electric symbol



PE

Schematic circuit diagram

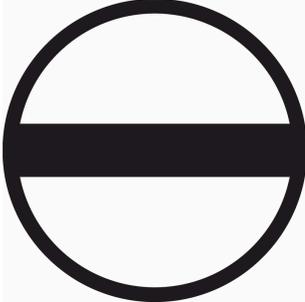
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Accessories

Slotted screwdriver

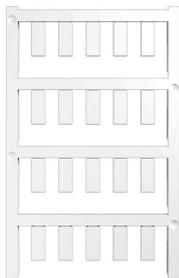


VDE insulated slot-head screwdriver, SDI DIN 7437, ISO 2380/2, drive output acc. to DIN 5264, ISO 2380/1. SoftFinish grip

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 L	Version	
Order No.	2735070000		
GTIN (EAN)	4050118816402		
Qty.	10 ST		