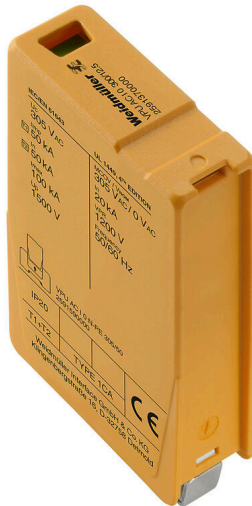


## VPU AC I O 950/12.5

**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, IT without N
Order No.	<a href="#">2855240000</a>
Type	VPU AC I O 950/12.5
GTIN (EAN)	4064675533030
Qty.	1 items

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## Technical data

## Approvals

Approvals



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	130 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%

## Rated data UL

Rated Voltage UN	400 V	In	20 kA
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## General data

Optical function display	green = OK; red = arrester is defective - replace	Segment	Power distribution
Version	Surge protection	Design	Insta IP 20
UL 94 flammability rating	V-0	Colour	orange
Protection degree	IP20 in installed state	Operating altitude	≤ 2000 m

## Insulation coordination acc. to EN 50178

Surge voltage category	IV	Pollution severity	2
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## Rated data IEC / EN

Number of poles	1	Leakage current at Un	0.3 mA
Signalling contact	No	Rated voltage (AC)	800 V
Low voltage network	IT without N	Voltage type	AC
Response time / fallback time	≤ 25 ns	Frequency range, max.	60 Hz
Frequency range, min.	50 Hz	Standards	IEC61643-11, EN61643-11
Lightning test current Iimp (10/350 μs) (L-PE)	12.5 kA	Requirements class, acc. to EN 61643-11	T1
Max. continuous voltage, Uc (AC)	440 V	Energy coordination (≤10 m)	Type I, Type II, Type III
Discharge current In (8/20μs) wire-PE	20 kA	Discharge current I <sub>max</sub> (8/20μs) wire-PE	50 kA
Protection level Up at IN (L/N-PE)	≤ 4 kV	Short-circuit current rating ISCCR	25 kA
Integrated back-up fuse	No		

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## Technical data

### Connection data

Type of connection	Plug-in connection	Wire cross-section, solid, max.	35 mm <sup>2</sup>
Wire connection cross section, finely stranded, max.	25 mm <sup>2</sup>		

### Electrical data

Voltage type	AC
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### General data

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

### Guarantee

Time interval	5 years
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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		

Electric symbol



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.	<a href="#">2749850000</a>	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.	<a href="#">1880100000</a>	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.	<a href="#">2735070000</a>		
GTIN (EAN)	4050118816402		
Qty.	10 ST		