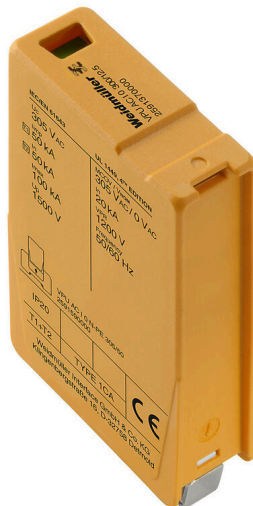


VPU AC I O 950/12.5**Weidmüller Interface GmbH & Co. KG**

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.	2855240000
Type	VPU AC I O 950/12.5
GTIN (EAN)	4064675533030
Qty.	1 items

VPU AC I 0 950/12.5

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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
Fuse protection	No Fuse necessary ≤ 160 A gG	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 (8/20 μs) wire-PE	20 kA
Discharge current Imax (8/20 μs) 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 ²
Wire connection cross section, finely stranded, max.	25 mm ²		

Electrical data

Voltage type	AC
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General data

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

Guarantee

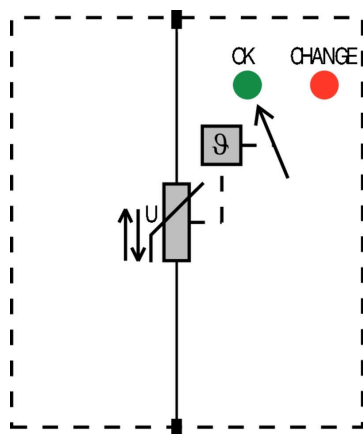
Time interval	5 years
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Classifications

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		

Drawings

Electric symbol



Schematic circuit diagram