

**VPU AC I O 950/12.5****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, IT without N, $U_P(L/N-PE) \leq 4000 \text{ V}$
Order No.	<a href="#">2855240000</a>
Type	VPU AC I O 950/12.5
GTIN (EAN)	4064675533030
Qty.	1 pc(s).

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## Technical data

## Dimensions and weights

Depth	80 mm	Depth (inches)	3.15 inch
Height	45 mm	Height (inches)	1.772 inch
Width	18 mm	Width (inches)	0.709 inch
Net weight	130 g		

## Temperatures

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

## Rated data UL

Rated Voltage $U_N$	800 V	$I_n$	20 kA
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## General data

Colour	orange	Design	Insta IP 20
Operating altitude	$\leq 2000$ 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

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

Discharge current $I_{max}$ (8/20 $\mu$ s) wire-PE	50 kA	Discharge current $I_n$ (8/20 $\mu$ s) wire-PE	20 kA
Energy coordination ( $\leq 10$ m)	Type I, Type II	Frequency range, max.	60 Hz
Frequency range, min.	50 Hz	Fuse	160 A gG
Leakage current at $U_n$	0.3 mA	Lightning test current $I_{imp}$ (10/350 $\mu$ s) (L-PE)	12.5 kA
Low voltage network	IT without N	Max. continuous voltage, $U_c$ (AC)	950 V
Number of poles	3	Protection level $U_p$ (typ.)	$\leq 4000$ V
Rated voltage (AC)	800 V	Requirements class, acc. to EN 61643-11	T1
Response time	$\leq 25$ ns	Short-circuit current rating $I_{SCCR}$	25 kA
Signalling contact	No	Standards	IEC61643-11, EN61643-11
Voltage type	AC		

## Connection data

Type of connection	Plug-in connection
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## Guarantee

Time interval	5 years
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ETIM 6.0	EC000941	ETIM 7.0	EC000941
ETIM 8.0	EC000941	ETIM 9.0	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
ECLASS 12.0	27-17-90-90	ECLASS 13.0	27-17-90-90

**Environmental Product Compliance**

REACH SVHC

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**Approvals**

Approvals



ROHS

Conform

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[CE\\_Konformitätserklärung / CE\\_Declaration\\_of\\_Conformity](#)

User Documentation

[Beipackzettel / Instruction sheet](#)

Catalogues

[Catalogues in PDF-format](#)

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# Drawings

## Electric symbol



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[www.weidmueller.com](http://www.weidmueller.com)**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
GTIN (EAN)	4050118897050	thickness (A): 1 mm
Qty.	1 pc(s).	

**Crosshead screwdriver Phillips**

VDE insulated crosshead screwdriver, for Phillips screws, SDIK PH DIN 7438, ISO 8764/2-PH, output to ISO 8764-PH, SoftFinish grip

**General ordering data**

Type	SDIK PH1 X 80	Version
Order No.	<a href="#">2749890000</a>	Screwdriver, Blade width (B): 1 mm, 80 mm, Blade thickness (A): 1
GTIN (EAN)	4050118897098	
Qty.	1 pc(s).	