

VPU I O 280V/12,5KA**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

This Product will be dis-
continued soon



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 voltage arrester, Low voltage, Accessories, Spare arrester
Order No.	1352120000
Type	VPU I O 280V/12,5KA
GTIN (EAN)	4050118158120
Qty.	1 items
Delivery status	This article will no longer be available in the future.
Last order date	2026-06-01T00:00:00+02:00

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Technical data

Approvals

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ROHS

Conform

Dimensions and weights

Depth	64 mm	Depth (inches)	2.5197 inch
Height	52 mm	Height (inches)	2.0472 inch
Width	17.8 mm	Width (inches)	0.7008 inch
Net weight	109 g		

Temperatures

Storage temperature	-40 °C...80 °C	Operating temperature	-40 °C...70 °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	Segment	Power distribution
Version	Spare arrester	Design	Insta IP 20
UL 94 flammability rating	V-0	Colour	orange
Protection degree	IP20		

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 (nominal voltage)	100 µA
Rated voltage (AC)	230 V	Voltage type	AC
Temporary surge voltage (overvoltage)	438 V	Response time / fallback time	≤ 25 ns
Frequency range, max.	60 Hz	Frequency range, min.	50 Hz
Standards	IEC61643-11, EN61643-11	Lightning test current limp (10/350 µs) (L-PE)	12.5 kA
Requirements class (EN 61643-11)	T1, T2	Requirements category acc. to IEC 61643-11	Type I, Type II
Max. continuous voltage, Uc (AC)	280 V	Energy coordination (≤10 m)	Type I, Type II, Type III
Discharge current In (8/20µs) wire-PE	25 kA	Discharge current I _{max} (8/20µs) wire-PE	50 kA
Protection level Up at IN (L/N-PE)	≤ 1.4 kV	Short-circuit current rating ISCCR	25 kA
Follow-on current extinguishing capability Ifi	Not available due for technical reasons	With integrated back-up fuse	No

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Connection data

Type of connection	pluggable	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

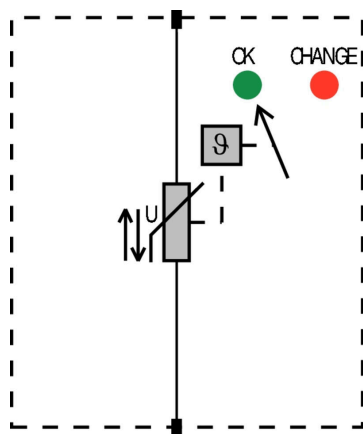
Number of poles	1	Protection degree	IP20
Colour	orange		

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

Accessories**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.	2749890000	Screwdriver, Blade width (B): 1 mm, 80 mm, Blade thickness (A): 1
GTIN (EAN)	4050118897098	
Qty.	1 ST	

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
GTIN (EAN)	4050118897050	thickness (A): 1 mm
Qty.	1 ST	