

VPU I O N-PE 440V/50KA**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, TT nur für N-PE
Order No.	1351980000
Type	VPU I O N-PE 440V/50KA
GTIN (EAN)	4050118158236
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

Approvals



ROHS

Conform

Dimensions and weights

Depth	64 mm	Depth (inches)	2.5197 inch
Height	94 mm	Height (inches)	3.7008 inch
Width	17.8 mm	Width (inches)	0.7008 inch
Net weight	62 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	No	Segment	Power distribution
Version	Spare arrester	Design	Insta IP 20
UL 94 flammability rating	V-0	Colour	blue
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)	1 µA
Rated voltage (AC)	400 V	Low voltage network	TT nur für N-PE
Protection level Up at IN (N-PE)	≤ 2.7 kV	Voltage type	AC
Temporary surge voltage (overvoltage)	1200 V	Response time / fallback time	≤ 100 ns
Frequency range, max.	60 Hz	Frequency range, min.	50 Hz
Standards	IEC61643-11, EN61643-11	Lightning test current, limp (10/350 µs) (N-PE)	50 kA
Requirements class (EN 61643-11)	T1, T2	Requirements category acc. to IEC 61643-11	Type I, Type II
Continuous voltage (N / PE), max.	440 V	Discharge current I _{max} (8/20µs) N-PE	100 kA
Discharge current I _n (8/20µs) N-PE	50 kA	Energy coordination (≤10 m)	Type I, Type II, Type III
With integrated back-up fuse	No		

Connection data

Type of connection	pluggable	Wire cross-section, solid, max.	35 mm ²
Wire connection cross-section, finely stranded, max.	25 mm ²		

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Technical data

Electrical data

Voltage type	AC
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General data

Number of poles	1	Protection degree	IP20
Colour	blue		

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		

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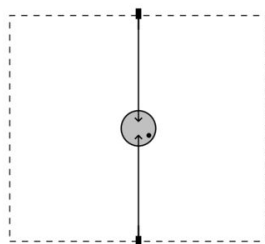
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Drawings

Electric symbol



Schematic circuit diagram

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www.weidmueller.com**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	