

VPU I 4 400V/25KA**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

This Product will be discontinued soon



Similar to illustration

General ordering data

Version	Surge voltage arrester, Low voltage, without telecomm. contact, TN-C-S, TN-S
Order No.	1438010000
Type	VPU I 4 400V/25KA
GTIN (EAN)	4050118243703
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
Alternative product	VPU AC I 4 440/25 LCF

VPU I 4 400V/25KA

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Technical data

Approvals

Approvals



ROHS

Conform

Dimensions and weights

Depth	69 mm	Depth (inches)	2.7165 inch
Height	106 mm	Height (inches)	4.1732 inch
Width	142.4 mm	Width (inches)	5.6063 inch
Mounting dimension - height	75 mm	Net weight	1530 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	without telecomm. contact	Design	Installation housing; 8 TE, Insta IP 20
UL 94 flammability rating	V-0	Colour	black, orange
Protection degree	IP20	Mounting rail	TS 35
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	4	Leakage current (nominal voltage)	100 µA
Signalling contact	No	Rated voltage (AC)	400 V
Low voltage network	TN-C-S, TN-S	Voltage type	AC
Temporary surge voltage (overvoltage)	620 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)	25 kA
Requirements class (EN 61643-11)	T1, T2	Requirements category acc. to IEC 61643-11	Type I, Type II
Max. continuous voltage, Uc (AC)	400 V	Mains voltage	230 V / 400 V, 400 V / 690 V
Energy coordination (≤10 m)	Type I, Type II, Type III	Rated load current	100 A
Discharge current In (8/20µs) wire-PE	25 kA	Discharge current I _{max} (8/20µs) wire-PE	100 kA
Protection level Up at IN (L/N-PE)	≤ 1.9 kV	Short-circuit current rating ISCCR	25 kA
Follow-on current extinguishing capability I _{fi}	Not available due for technical reasons	With integrated back-up fuse	No

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Connection data

Stripping length	15 mm	Type of connection	Screw connection
Stripping length (rated connection)	15 mm	Tightening torque, min.	2 Nm
Tightening torque, max.	3 Nm	Clamping range, rated connection	16 mm ²
Conductor cross-section (rated connection), min.	4 mm ²	Conductor cross-section (rated connection), max.	35 mm ²
Wire cross-section, solid, min.	2.5 mm ²	Wire cross-section, solid, max.	16 mm ²
Wire connection cross section, finely stranded, min.	2.5 mm ²	Wire connection cross-section, finely stranded, max.	25 mm ²
Conductor cross-section, flexible with wire end ferrule (DIN 46228-1), min.	2.5 mm ²	Conductor cross-section, flexible with wire end ferrule (DIN 46228-1), max.	50 mm ²
Connection cross-section, stranded, min.	2.5 mm ²	Connection cross-section, stranded, max.	50 mm ²

Electrical data

Voltage type	AC
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General data

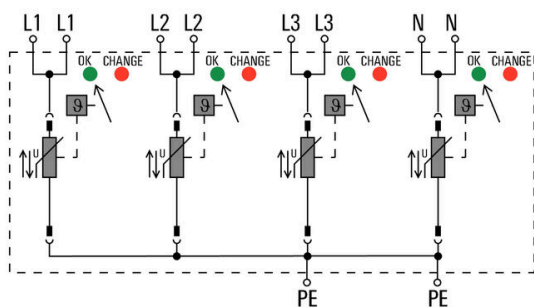
Number of poles	4	Protection degree	IP20
Colour	black, orange		

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

VPU I 4 400V/25KA**Weidmüller Interface GmbH & Co. KG**Klingenbergstraße 26
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Germanywww.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		