

VPU I 4 R 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, with remote contact, TN-C-S, TN-S
Order No.	1438020000
Type	VPU I 4 R 400V/25KA
GTIN (EAN)	4050118243710
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 R 440/25 LCF

VPU I 4 R 400V/25KA

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Technical data

Approvals

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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	1510 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%

Connection data, remote alert

Cross-section for connected wire, solid core (remote alert), min.	0.14 mm ²	Stripping length	8 mm
Connection type	PUSH IN	Cross-section for connected wire, solid core (remote alert), max.	1.5 mm ²

General data

Optical function display	green = OK; red = arrester is defective - replace	Segment	Power distribution
Version	with remote 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	250 V 1A 1CO	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

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Requirements class (EN 61643-11)	T1, T2	Requirements category acc. to IEC 61643-11	Type I, Type II
Max. continuous voltage, U_c (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	125 A
Discharge current I_n (8/20 μ s) wire-PE	25 kA	Discharge current I_{max} (8/20 μ s) 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

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

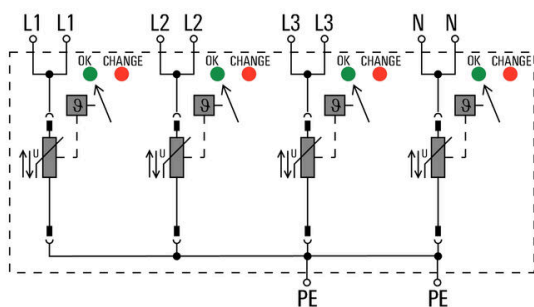
Number of poles	4	Protection degree	IP20
Colour	black, orange		

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

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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		

VPU Series

Extensive accessories round off the product range

General ordering data

Type	PLUG VPU	Version	
Order No.	1402570000	VPU series, Accessories	
GTIN (EAN)	4050118204360		
Qty.	10 ST		