

VPU series
VPU I O N-PE 260V/50KA**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

Fon: +49 5231 14-0

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www.weidmueller.com

**Spare arrester Type I**

Weidmüller VPU I surge protection products protect low-voltage consumer installations and electronic devices against overvoltages that can occur as a result of atmospheric discharges (thunderstorms) or switching operations (transients). The VPU I series meets the Type I and Type II requirements acc. to IEC 61643-11 and the Type 1 and Type 2 requirements acc. to EN 61643-11. The spare arresters are coded and can only be inserted into suitable bases.

General ordering data

Type	VPU I O N-PE 260V/50KA
Order No.	1351930000
Version	Surge voltage arrester, Low voltage, Accessories, Spare arrester, TT nur für N-PE
GTIN (EAN)	4050118158274
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Width	17.8 mm	Width (inches)	0.701 inch
Height	94 mm	Height (inches)	3.701 inch
Depth	64 mm	Depth (inches)	2.52 inch
Net weight	73 g		

Temperatures

Humidity	5 - 95% rel. humidity	Operating temperature, max.	70 °C
Operating temperature, min.	-40 °C	Storage temperature, max.	80 °C
Storage temperature, min.	-40 °C	Operating temperature	-40 °C...70 °C
Storage temperature	-40 °C...80 °C		

General data

Colour	blue	Design	Insta IP 20
Optical function display	No	Protection degree	IP20
Segment	Power distribution	UL 94 flammability rating	V-0
Version	Spare arrester		

Insulation coordination acc. to EN 50178

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

Rated voltage (AC)	230 V	Voltage type	AC
Max. continuous voltage, U _c (N-PE)	260 V	Low voltage network	TT nur für N-PE
Discharge current I _n (8/20µs) N-PE	50 kA	Discharge current I _{max} (8/20µs) N-PE	100 kA
Lightning test current, I _{imp} (10/350 µs) (N-PE)	50 kA	Frequency range, max.	60 Hz
Frequency range, min.	50 Hz	Fuse	Not required
Short-circuit current rating I _{SCCR}	25 kA	Standards	IEC61643-11, EN61643-11
Protection level U _p at I _N (N-PE)	≤ 1.5 kV	Leakage current at U _n	1 µA
Temporary surge voltage (over-voltage) - TOV	1,200 V	Number of poles	1
Requirements category acc. to IEC 61643-11	Type I, Type II	Requirements class, acc. to EN 61643-11	T1, T2
Response time	≤ 100 ns		

Connection data

Type of connection	pluggable
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Classifications

ETIM 6.0	EC000941	ETIM 7.0	EC000941
eClass 9.0	27-13-08-05	eClass 9.1	27-13-08-05
eClass 10.0	27-13-08-05	UNSPSC	30-21-19-22

Product information

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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Data sheet**VPU series**
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Approvals



ROHS

Conform

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Conformity[EAC VPU SERIES](#)
[CE PAPER](#)
[Declaration of Conformity](#)

Engineering Data

[EPLAN, WSCAD](#)

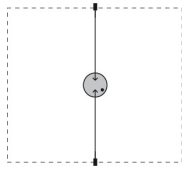
Data sheet

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Drawings

Electric symbol



Schematic circuit diagram