

VPU series
VPU II 0 280V/40KA**Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com**Spare arrester Type II**

Weidmüller VPU II 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 II series meets the Type II and Type III requirements acc. to IEC 61643-11:2012 and Type 2 and Type 3 requirements acc. to EN 61643-11:2012. The spare arresters are coded and can only be inserted into suitable bases.

General ordering data

Type	VPU II 0 280V/40KA
Order No.	1352570000
Version	Surge voltage arrester, Low voltage, Accessories, Spare arrester
GTIN (EAN)	4050118157772
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Width	17.8 mm	Width (inches)	0.701 inch
Height	52 mm	Height (inches)	2.047 inch
Depth	64 mm	Depth (inches)	2.52 inch
Net weight	86 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	orange	Design	Installation housing; 1TE, Insta IP 20
Optical function display	green = OK; red = arrester is defective - replace	Protection degree	IP20
UL 94 flammability rating	V-0	Version	Spare arrester

Insulation coordination acc. to EN 50178

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

Rated voltage (AC)	230 V	Voltage type	AC
Max. continuous voltage, U_c (AC)	280 V	Discharge current I_n (8/20 μ s) wire-PE	20 kA
Discharge current I_{max} (8/20 μ s) wire-PE	40 kA	Frequency range, max.	60 Hz
Frequency range, min.	50 Hz	Fuse	125 A gL > (if back up fuse > 125 A), No Fuse necessary \leq 125 A gG
Short-circuit current rating I_{SCCR}	25 kA	Standards	IEC61643-11, EN61643-11
Protection level U_p at I_N (L/N-PE)	\leq 1.55 kV	Leakage current at U_n	30 μ A
Temporary surge voltage (over-voltage)-TOV	438 V	Combined pulse U_{OC}	10 kV
Number of poles	1	Requirements category acc. to IEC 61643-11	Type II, Type III
Requirements class, acc. to EN 61643-11	T2, T3	Response time	\leq 25 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	30-21-19-21

Data sheet**VPU series**
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Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of Conformity	EAC VPU SERIES CE PAPER Declaration of Conformity
Engineering Data	EPLAN_WSCAD
User Documentation	Instruction sheet

Data sheet

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Drawings

Electric symbol

