

VPU series
VPU II 0 LCF 280V/40KA

Weidmüller Interface GmbH & Co. KG
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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 LCF 280V/40KA
Order No.	1352730000
Version	Surge voltage arrester, Low voltage, Accessories, Spare arrester
GTIN (EAN)	4050118157642
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	98 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
Rail	TS 35	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 (8/20μs) wire-PE	20 kA
Fuse	125 A gL > (if back up fuse > 125 A), No Fuse necessary ≤ 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)	≤ 1.8 kV
Leakage current at U _n	1 μA	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	≤ 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	30-21-19-21

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

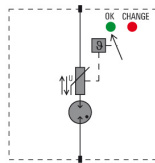
Data sheet

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Drawings

Electric symbol



Schematic circuit diagram
