VPU II 0 LCF 280V/40KA

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
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Germany

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

Version	Surge voltage arrester, Low voltage, Accessories, Spare arrester
Order No.	1352730000
Type	VPU II 0 LCF 280V/40KA
GTIN (EAN)	4050118157642
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	64 mm	Depth (inches)	2.52 inch
Height	52 mm	Height (inches)	2.047 inch
Width	17.8 mm	Width (inches)	0.701 inch
Net weight	95 g		

Temperatures

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

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

Rated data IEC / EN

Combined pulse U_{OC}	10 kV	Discharge current I_n (8/20µs) wire-PE	20 kA
Energy coordination (≤10 m)	Type II, Type III	Fuse	125 A gL > (if back up fuse > 125 A), No Fuse neccessary ≤125 A gG
Leakage current at U_n	1 µA	Max. continuous voltage, Uc (AC)	280 V
Number of poles	1	Protection level U_p at I_N (L/N-PE)	≤ 1.8 kV
Rated voltage (AC)	230 V	Requirements category acc. to IEC 61643-11	Type II, Type III
Requirements class, acc. to EN 61643-11	T2, T3	Response time	≤ 100 ns
Short-circuit current rating I_{SCCR}	25 kA	Standards	IEC61643-11, EN61643-11
Temporary surge voltage (over-voltage) - TOV	438 V	Voltage type	AC

Connection data

Type of connection	pluggable

Classifications

ETIM 6.0	EC000941	ETIM 7.0	EC000941
ETIM 8.0	EC000941	ECLASS 9.0	27-13-08-05
ECLASS 9.1	27-13-08-05	ECLASS 10.0	27-13-08-05
ECLASS 11.0	27-13-08-05		

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Technical data

Tender specification sheets

Long specification	Spare arrestor consisting of V0 material for surge voltage arrestor VPU II 280 V LCF series The pluggable high-performance varistors can be exchanged by trained personnel following a failure. Rated voltage: 280 V LCF Type: Weidmüller VPU II 0 LCF 280 V/40 kA Order No.: 1352730000	Short specification	Spare arrester for surge voltage arrester VPU II 280 V LCF series The pluggable high-performance varistors can be swapped by trained personnel following a failure. Rated voltage: 280 V LCF Type: Weidmüller VPU II 0 LCF 280 V/40 kA Order no.: 1352730000

Approvals

Approvals	
ROHS	Conform

Downloads

Approval/Certificate/Document of Conformity	EAC VPU SERIES EU_Konformitätserklärung / EU_Declaration_of_Conformity
Engineering Data	EPLAN, WSCAD
User Documentation	Beipackzettel / Instruction sheet
Catalogues	Catalogues in PDF-format

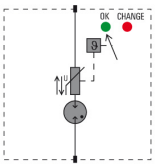
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Drawings

Electric symbol



Schematic circuit diagram