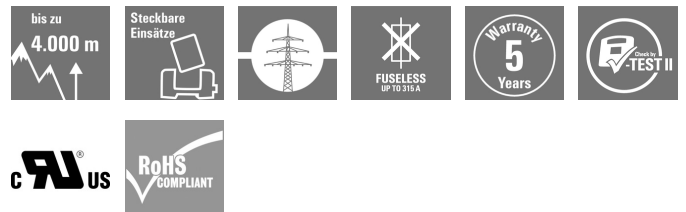


VPU AC II 0 N-PE 305/65

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com



In the event of a defective arrester, you can easily reorder this spare arrester, replace the defective arrester and thus restore protection.

General ordering data

Version	Spare arrester, Surge protection, TT nur für N-PE
Order No.	2591190000
Type	VPU AC II 0 N-PE 305/65
GTIN (EAN)	4050118599749
Qty.	1 Stück

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Technische Daten

Dimensions and weights

Depth	64 mm	Depth (inches)	2.52 inch
Height	45 mm	Height (inches)	1.772 inch
Width	18 mm	Width (inches)	0.709 inch
Net weight	47 g		

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-40 °C...85 °C
Operating temperature, min.	-40 °C	Operating temperature, max.	85 °C
Humidity	5 - 95% rel. humidity		

Rated data UL

Ambient temperature (operational), max.	85 °C	Rated Voltage U_N	240 V
VPR (N-PE)	1,000 V	MCOV (N-PE)	305 V
I_n	20 kA	Category	SPD TYPE 1CA
Ambient temperature (operational), min.	-40 °C	Certificate No. (cURus)	E354261
Voltage type	AC		

General data

Colour	blue	Operating altitude	≤ 4000 m
Optical function display	green = OK; red = arrester is defective - replace	Protection degree	IP20 in installed state
Segment	Power distribution	UL 94 flammability rating	V-0
Version	Surge protection		

Insulation coordination acc. to EN 50178

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

Combined pulse U_{OC}	6 kV	Discharge current I_{max} (8/20 μ s) N-PE	65 kA
Discharge current I_n (8/20 μ s) N-PE	40 kA	Energy coordination (≤10 m)	Type II, Type III
Frequency range, max.	60 Hz	Frequency range, min.	50 Hz
Fuse	100 A gL	Leakage current at U_n	0.1 μ A
Low voltage network	TT nur für N-PE	Max. continuous voltage, U_c (N-PE)	305 V
Number of poles	1	Protection level U_p at I_n (N-PE)	≤ 1.5 kV
Rated voltage (AC)	230 V	Requirements category acc. to IEC 61643-11	Type II/III
Requirements class, acc. to EN 61643-11	T2	Response time	≤ 100 ns
SPD type	T2, T3	Short-circuit current rating I_{SCCR}	0.1 kA
Standards	IEC61643-11, EN61643-11, UL 1449	Temporary surge voltage (over-voltage) - TOV	337 V
Voltage type	AC		

Connection data

Type of connection	Plug-in connection
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Technische Daten

Garantie

Time interval 5 years

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	ECLASS 12.0	27-17-90-90

Important note

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).

Approvals

Approvals



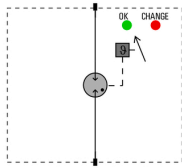
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E354261

Downloads

Approval/Certificate/Document of Conformity	EAC VPU SERIES EU Konformitätserklärung / EU Declaration of Conformity
Engineering Data	CAD data – STEP
Tender specification	Ausschreibungstext DE Tenderspecification EN
User Documentation	Beipackzettel / Instruction sheet
Catalogues	Catalogues in PDF-format

Zeichnungen

Electric symbol



Schematic circuit diagram