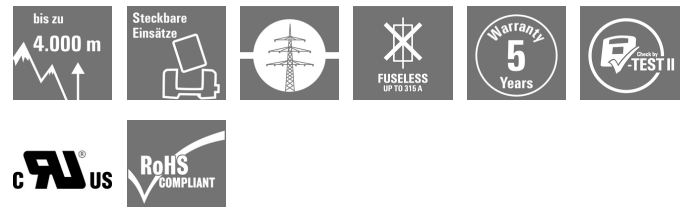


VPU AC II 0 N-PE 305/65**Weidmüller Interface GmbH & Co. KG**

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, $U_P(L/N-PE) \leq 1.5 \text{ kV}$
Order No.	2591190000
Type	VPU AC II 0 N-PE 305/65
GTIN (EAN)	4050118599749
Qty.	1 pc(s).

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Technical data

Dimensions and weights

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

Temperatures

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

Rated data UL

Operating altitude	≤ 4000 m	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

Operating altitude	≤ 4000 m	Pollution severity	2
Surge voltage category	III		

Rated data IEC / EN

Combined pulse U_{OC}	6 kV	Discharge current I_{max} (8/20μs) N-PE	65 kA
Discharge current I_n (8/20μs) N-PE	40 kA	Frequency range, max.	60 Hz
Frequency range, min.	50 Hz	Fuse	100 A gL
Leakage current at U_n	0.1 μA	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 (typ.)	≤ 1.5 kV	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 Ed.4	Temporary surge voltage (over-voltage) - TOV	337 V
Voltage type	AC		

Connection data

Type of connection	Plug-in connection
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Technical data

Ratings IECEx/ATEX/cUL

Certificate no. (cULus)	E354261
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Guarantee

Time interval	5 years
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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	ECLASS 11.0	27-13-08-05

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).
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Approvals

Approvals



ROHS	Conform
UL File Number Search	E354261

Downloads

Approval/Certificate/Document of Conformity	EAC VPU SERIES Declaration of Conformity
Engineering Data	STEP
Tender specification	Ausschreibungstext DE Tenderspecification EN
User Documentation	Instruction sheet
Brochure/Catalogue	Catalogues in PDF-format

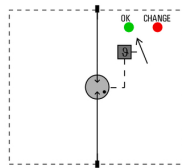
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Drawings

Electric symbol



Schematic circuit diagram