

VPU AC II O 300/50

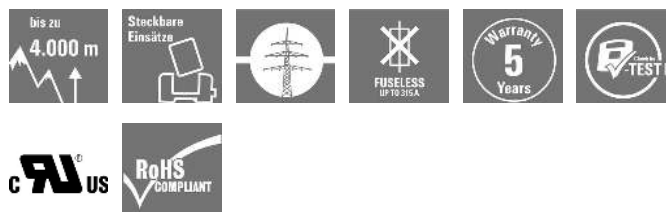
Weidmüller Interface GmbH & Co. KG

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, $U_p(L/N-PE) \leq 1.5$ kV
Order No.	2591010000
Type	VPU AC II O 300/50
GTIN (EAN)	4050118599923
Qty.	1 pc(s).

VPU AC II 0 300/50

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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
Width	18 mm	Width (inches)	0.709 inch
Net weight	0,64 g		

Temperatures

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

Rated data UL

Ambient temperature (operational), max. 85 °C		Rated Voltage U_N	240 V
VPR (L/N-PE)	900 V	MCOV (L/N-PE)	300 V
SCCR	150 kA	I_n	20 kA
Category	SPD TYPE 1CA	Ambient temperature (operational), min. -40 °C	
Certificate No. (cURus)	E354261	VPR (L-PE)	900 V
Voltage type	AC		

General data

Colour	orange	Operating altitude	≤ 2000 m
Optical function display	green = OK; red = arrester is defective - replace	Protection degree	IP20 in installed state
Rail	TS 35	Segment	Power distribution
UL 94 flammability rating	V-0	Version	Surge protection

Rated data IEC / EN

Combined pulse U_{OC}	6 kV	Discharge current I_{max} (8/20 μ s) wire-PE	50 kA
Energy coordination (≤10 m)	Type II, Type III	Follow-on current extinguishing capability I_{fi}	Follow current need not be taken into account
Frequency range, max.	60 Hz	Frequency range, min.	50 Hz
Leakage current at U_n	0,3 mA	Max. continuous voltage, U_c (AC)	300 V
Number of poles	1	Protection level U_p (typ.)	≤ 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	≤ 25 ns
SPD type	T2, T3	Standards	IEC61643-11, EN61643-11, UL 1449
Voltage type	AC		

Connection data

Type of connection	Plug-in connection
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Ratings IECEx/ATEX/cUL

Certificate no. (cULus)	E354261
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Guarantee

Time interval	5 years
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Technical data

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

Approvals

Approvals



ROHS	Conform
Certificate No. (cURus)	E354261
Certificate no. (cULus)	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

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Drawings

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Electric symbol

