

VPU AC II O 300/50 Y**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.	2659840000
Type	VPU AC II O 300/50 Y
GTIN (EAN)	4050118679403
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	54 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 (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	blue	Operating altitude	≤ 4000 m
Optical function display	green = ok, yellow = warning, 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

Discharge current I_{max} (8/20μs) N-PE	50 kA	Discharge current I_n (8/20μs) N-PE	25 kA
Frequency range, max.	60 Hz	Frequency range, min.	50 Hz
Leakage current at U_n	0.3 mA	Max. continuous voltage, U_c (N-PE)	300 V
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
Requirements class, acc. to EN 61643-11	T2	Response time	≤ 25 ns
SPD type	T2	Short-circuit current rating I_{SCCR}	0.1 kA
Standards	IEC61643-11, EN61643-11, UL 1449 Ed.4	Temporary surge voltage (over-voltage) - TOV	1,200 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

Approvals

Approvals



ROHS	Conform
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UL File Number Search	E354261
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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

