

VPU AC I O 300/12.5 LH**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	Surge protection
Order No.	2983620000
Type	VPU AC I O 300/12.5 LH
GTIN (EAN)	4099986839748
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	70 mm	Depth (inches)	2.756 inch
Height	105.7 mm	Height (inches)	4.161 inch
Width	18 mm	Width (inches)	0.709 inch
Net weight	116.2 g		

Temperatures

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

Probability of failure

MTBF	15 a
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General data

Acoustic signal	No	Colour	orange, black
Design	Installation housing, Insta IP 20	Operating altitude	≤ 4000 m
Optical function display	green = OK; red = arrester is defective - replace	Protection degree	IP20 in installed state
Rail	TS 35	Version	Surge protection

Rated data IEC / EN

Acoustic signal	No	Discharge current I_{\max} (8/20µs) wire-PE	50 kA
Discharge current I_n (8/20µs) wire-PE	20 kA	Discharge current, I_{imp} (10/350 µs)	12.5 kA
Discharge current, max. (8/20 µs)	40 kA	Frequency range, max.	60 Hz
Frequency range, min.	50 Hz	Mains voltage	230 V / 400 V
Max. continuous voltage, U_c (AC)	300 V	Protection level U_p at I_N (L/N-PE)	≤ 1500 V
Protection level, U_p wire - PE	1,500 V	Protection level, U_p wire - wire	1,500 V
Rated voltage (AC)	240 V	Requirements category acc. to IEC 61643-11	Type I, Type II
Requirements class, acc. to EN 61643-11	T1, T2	Short-circuit current rating I_{SCCR}	50 kA
Standards	IEC61643-11, EN61643-11	Temporary surge voltage (over-voltage) - TOV	442 V
Voltage type	AC		

Connection data

Type of connection	Plug-in connection
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Classifications

ETIM 6.0	EC000941	ETIM 7.0	EC000941
ETIM 8.0	EC000941	ETIM 9.0	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	ECLASS 13.0	27-17-90-90

Environmental Product Compliance

REACH SVHC	/
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Technical data

Approvals

Approvals



ROHS

Conform

Downloads

Engineering Data	CAD data – STEP
User Documentation	Beipackzettel / Instruction sheet
Catalogues	Catalogues in PDF-format