

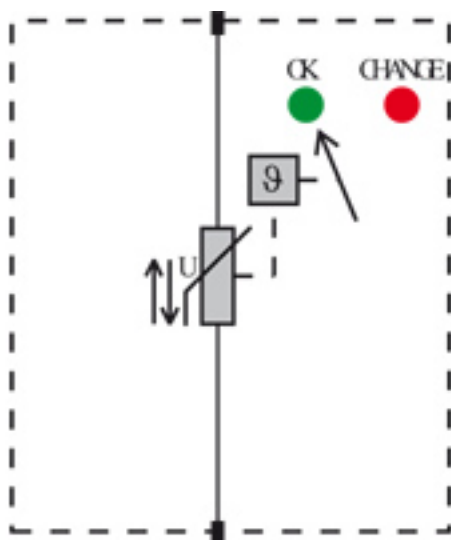
VPU AC I O 300/12.5 LH**Weidmüller Interface GmbH & Co. KG**

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).

VPU AC I O 300/12.5 LH

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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	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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Rated data UL

Certificate No. (cURus)	E3542610000
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General data

Number of poles	1	Protection degree	IP20 in installed state
Colour	orange, black		

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	Frequency range, max.	60 Hz
Frequency range, min.	50 Hz	Integrated back-up fuse	No
Mains voltage	230 V / 400 V	Max. continuous voltage, U_c (AC)	300 V
Number of poles	1	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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Electrical data

Voltage type	AC
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Classifications

ETIM 6.0	EC000941	ETIM 7.0	EC000941
ETIM 8.0	EC000941	ETIM 9.0	EC000941
ETIM 10.0	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	ECLASS 14.0	27-17-90-90
ECLASS 15.0	27-17-90-90		

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319263/-T1z1mm-S800/
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ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E3542610000

Downloads

Approval/Certificate/Document of Conformity	EU_Konformitätserklärung / EU_Declaration_of_Conformity
Engineering Data	CAD data – STEP
User Documentation	Beipackzettel / Instruction sheet
Catalogues	Catalogues in PDF-format