

VPU AC I O N-PE 305/100 S**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image

Abb.ähnlich



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, Leakage-current-free, Surge protection, TT nur für N-PE, $U_p(L/N-PE) \leq 1.5 \text{ kV}$
Order No.	2730850000
Type	VPU AC I O N-PE 305/100 S
GTIN (EAN)	4050118808018
Qty.	1 pc(s).

Creation date September 14, 2021 4:37:39 AM CEST

Catalogue status 10.09.2021 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Depth	80 mm	Depth (inches)	3.15 inch
Height	45 mm	Height (inches)	1.772 inch
Width	18 mm	Width (inches)	0.709 inch
Net weight	115 g		

Temperatures

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

Probability of failure

MTBF	15 Years		
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General data

Colour	blue	Operating altitude	≤ 4000 m
Optical function display	green = OK; red = arrester is defective - replace	Protection degree	IP20 in installed state
UL 94 flammability rating	V-0	Version	Leakage-current-free, Surge protection

Rated data IEC / EN

Discharge current I_{max} (8/20 μ s) N-PE	150 kA	Discharge current I_n (8/20 μ s) N-PE	100 kA
Discharge current I_n (8/20 μ s) wire-PE	25 kA	Energy coordination (≤10 m)	Type I, Type II, Type III
Frequency range, max.	60 Hz	Frequency range, min.	50 Hz
Fuse	Not required	Leakage current at U_n	1 μ A
Lightning test current, I_{imp} (10/350 μ s) (N-PE)	100 kA	Low voltage network	TT nur für N-PE
Mains voltage	240 V	Max. continuous voltage, U_c (N-PE)	305 V
Number of poles	1	Protection level U_p (typ.)	≤ 1.5 kV
Rated voltage (AC)	305 V	Requirements category acc. to IEC 61643-11	Type I, Type II
Requirements class, acc. to EN 61643-11	T1, T2	Response time	< 100 ns
Short-circuit current rating I_{SCCR}	0.1 kA	Standards	IEC61643-11, EN61643-11, UL 1449
Temporary surge voltage (over-voltage) - TOV	1,200 V	Voltage type	AC

Connection data

Wire connection method	Plug-in connection		
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Guarantee

Time interval	5 years		
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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		

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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).

Approvals

Approvals



ROHS Conform

Downloads

Approval/Certificate/Document of Conformity	EU Konformitätserklärung / EU Declaration of Conformity
Engineering Data	STEP
User Documentation	Beipackzettel / Instruction sheet
Catalogues	Catalogues in PDF-format

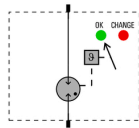
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Drawings

Electric symbol



Schematic circuit diagram
