Data sheet

VPU AC I 0 N-PE 305/50 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.	2983630000
Type	VPU AC I 0 N-PE 305/50 LH
GTIN (EAN)	4099986839755
Qty.	1 items

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Technical data

Approvals

Approvals	
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E3542610000

Dimensions and weights

Depth	64 mm	Depth (inches)	2.5197 inch
Height	45 mm	Height (inches)	1.7716 inch
Width	18 mm	Width (inches)	0.7087 inch
Net weight	50.8 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

Environmental Product Compliance

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

Rated data UL

Certificate No. (cURus)	E3542610000

General data

Optical function display	green = OK; red = arrester is defective - replace	Version	Surge protection
Design	Installation housing, Insta IP 20	UL 94 flammability rating	V-0
Colour	orange, black, blue	Protection degree	IP20 in installed state
Mounting rail	TS 35	Acoustic signal	No
Operating altitude	≤ 4000 m		

Insulation coordination acc. to EN 50178

Surge voltage category	IV	Pollution severity	2

Rated data IEC / EN

Number of poles	1	Signalling contact	No
Rated voltage (AC)	240 V	Protection level Up at IN (N-PE)	≤ 1500 V
Protection level, UP wire - wire	1500 V	Protection level, UP wire - PE	1500 V
Voltage type	AC	Temporary surge voltage (overvoltage)	442 V

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Frequency range, max.	60 Hz	Frequency range, min.	50 Hz
Standards	IEC61643-11, EN61643-11	Requirements class, acc. to EN 61643-11	T1, T2
Requirements category acc. to IEC 61643-11	Type I, Type II	Max. continuous voltage, Uc (AC)	300 V
Mains voltage	230 V / 400 V	Discharge current Imax (8/20µs) N-PE	100 kA
Discharge current In (8/20µs) N-PE	50 kA	Energy coordination (≤10 m)	Type I, Type II, Type III
Acoustic signal	No	Short-circuit current rating ISCCR	50 kA
Integrated back-up fuse	No		

Connection data

Type of connection	Plug-in connection	Wire cross-section, solid, max.	35 mm²
Wire connection cross-section, finely stranded, max.	25 mm²		

Electrical data

Voltage type	AC

General data

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

Guarantee

Time interval	5 years

Classifications

ETIM 8.0	EC001457	ETIM 9.0	EC001457
ETIM 10.0	EC001457	ECLASS 14.0	27-17-12-04
ECLASS 15.0	27-17-12-04		