

VPU AC II 0 N-PE 305/65 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, TT nur für N-PE
Order No.	2659950000
Type	VPU AC II 0 N-PE 305/65 Y
GTIN (EAN)	4050118679397
Qty.	1 items
Delivery status	This article will no longer be available in the future.
Available until	2026-06-01T00:00:00+02:00
Alternative product	VPU AC II 0 N-PE 305/65

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Technical data

Approvals

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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	40 g		

Temperatures

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

Environmental Product Compliance

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

Rated data UL

Ambient temperature (operational), max. 85 °C	Rated Voltage UN	240 V
VPR (N-PE)	MCOV (N-PE)	305 V
In	Category	SPD TYPE 1CA
Ambient temperature (operational), min. -40 °C	Certificate No. (cURus)	E3542610000
Voltage type		AC

Connection data, remote alert

Connection type	PUSH IN
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General data

Optical function display	green = OK; red = arrester is defective - replace	Segment	Power distribution
Version	Surge protection	Design	Installation housing; 1TE
UL 94 flammability rating	V-0	Colour	blue
Protection degree	IP20 in installed state	Operating altitude	≤ 4000 m

Insulation coordination acc. to EN 50178

Surge voltage category	III	Pollution severity	2
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Rated data IEC / EN

Number of poles	1	Combined pulse UOC	6 kV
Leakage current at Un	0.1 µA	Signalling contact	No
Rated voltage (AC)	230 V	Low voltage network	TT nur für N-PE
Protection level Up at IN (N-PE)	≤ 1.5 kV	Voltage type	AC

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Temporary surge voltage (over-voltage) - TOV	1200 V	Fuse protection	100 A gL, No Fuse necessary ≤315 A gG
Response time / fallback time	≤ 100 ns	Frequency range, max.	60 Hz
Frequency range, min.	50 Hz	Standards	IEC61643-11, EN61643-11, UL 1449, IEC 61643-11, EN 61643-11
Requirements class, acc. to EN 61643-11	T2, T3	Requirements category acc. to IEC 61643-11	Type II, Type III
Max. continuous voltage, U _c (N-PE)	305 V	Discharge current I _{max} (8/20μs) N-PE	65 kA
Discharge current I _n (8/20μs) N-PE	40 kA	Energy coordination (≤10 m)	Type II, Type III
Discharge current I _n (8/20μs) wire-PE	40 kA	Discharge current I _{max} (8/20μs) wire-PE	65 kA
SPD type	T2	Short-circuit current rating ISCCR	0.1 kA
Discharge current (type III)	3 kA	Integrated back-up fuse	No

Connection data

Stripping length	18 mm	Type of connection	Plug-in connection, Screw connection
Wire cross-section, solid, min.	1.5 mm ²	Wire cross-section, solid, max.	35 mm ²
Wire connection cross section, finely stranded, max.	25 mm ²		

Electrical data

Voltage type	AC
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General data

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

Guarantee

Time interval	5 years
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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).
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Classifications

ETIM 8.0	EC000941	ETIM 9.0	EC000941
ETIM 10.0	EC000941	ECLASS 14.0	27-17-12-02
ECLASS 15.0	27-17-12-02		

Electric symbol



PE

Schematic circuit diagram