

VPU AC II US 0 N-PE 240 Y**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



Abb.ähnlich



- compact SPD to install in application by NFPA 79
- no additional overcurrent protection devices needed
- short circuit current rating (SCCR) up to 200 kA
- tested according to IEC/EN 61643-11 and UL 1449 4.Ed

General ordering data

Version	Spare arrester, Surge protection, TT nur für N-PE
Order No.	2736520000
Type	VPU AC II US 0 N-PE 240 Y
GTIN (EAN)	4050118825480
Qty.	1 pc(s).

VPU AC II US 0 N-PE 240 V

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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	42 g		

Temperatures

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

Rated data UL

Ambient temperature (operational), max. 85 °C		Rated Voltage U_N	240 V
VPR (N-PE)	1,000 V	MCOV (N-PE)	305 V
SCCR	150 kA	I_n	20 kA
Category	SPD TYPE 1	Ambient temperature (operational), min. -40 °C	
Voltage type	AC		

General data

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

Insulation coordination acc. to EN 50178

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

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	Frequency range, max.	60 Hz
Frequency range, min.	50 Hz	Fuse	100 A gL
Leakage current at U_n	1 μA	Low voltage network	TT nur für N-PE
Max. continuous voltage, U_c (N-PE)	305 V	Number of poles	1
Protection level U_p at I_N (N-PE)	≤ 1.5 kV	Rated voltage (AC)	240 V
Requirements category acc. to IEC 61643-11	Type II	Requirements class, acc. to EN 61643-11	T2
Response time	<100μs	SPD type	T2
Short-circuit current rating I_{SCCR}	0.1 kA	Signalling contact	No
Standards	IEC61643-11, EN61643-11, UL 1449, NFPA 79	Temporary surge voltage (over-voltage) - TOV	1,200 V
Voltage type	AC		

Connection data

Wire connection method	Plug-in connection
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Ratings IECEx/ATEX/cUL

Certificate no. (cULus)	E354261
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Creation date July 22, 2024 5:50:48 PM CEST

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Technical data

Guarantee

Time interval	5 years
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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	/
RoHS Compliance Status	Compliant without exemption

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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Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E354261

Downloads

Approval/Certificate/Document of Conformity	EU_Konformitätserklärung / EU_Declaration_of_Conformity
User Documentation	Beipackzettel / Instruction sheet
Catalogues	Catalogues in PDF-format

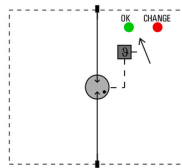
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Drawings

Electric symbol



Schematic circuit diagram

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www.weidmueller.com**Accessories****Crosshead screwdriver Phillips**

VDE insulated crosshead screwdriver, for Phillips screws, SDIK PH DIN 7438, ISO 8764/2-PH, output to ISO 8764-PH, SoftFinish grip

General ordering data

Type	SDIK PH1 X 80	Version
Order No.	2749890000	Screwdriver, Blade width (B): 1 mm, 80 mm, Blade thickness (A): 1
GTIN (EAN)	4050118897098	
Qty.	1 pc(s).	

Slotted screwdriver

VDE insulated slot-head screwdriver, SDI DIN 7437, ISO 2380/2, drive output acc. to DIN 5264, ISO 2380/1. SoftFinish grip

General ordering data

Type	SDIS 1.0X5.5X125	Version
Order No.	2749850000	Screwdriver, Blade width (B): 5.5 mm, Blade length: 125 mm, Blade
GTIN (EAN)	4050118897050	thickness (A): 1 mm
Qty.	1 pc(s).	