

VPU AC II US 0 60/50**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
Order No.	2726810000
Type	VPU AC II US 0 60/50
GTIN (EAN)	4050118802474
Qty.	1 pc(s).

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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	49 g		

Temperatures

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

Probability of failure

MTBF	15 a
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Rated data UL

Ambient temperature (operational), max. 85 °C		Rated Voltage U_N	60 V
VPR (N-PE)	330 V	MCOV (L/N-PE)	75 V
SCCR	100 kA	I_n	20 kA
Category	SPD TYPE 1	Ambient temperature (operational), min. -40 °C	
Certificate No. (cURus)	E35426 10000	VPR (L-PE)	330 V
Voltage type	AC		

General data

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

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} (8/20 μ s) wire-PE	50 kA	Discharge current I_n (8/20 μ s) wire-PE	20 kA
Energy coordination (≤ 10 m)	Type II, Type III	Follow-on current extinguishing capability I_{fi}	Follow current need not be taken into account
Frequency range, max.	60 Hz	Frequency range, min.	50 Hz
Fuse	No Fuse necessary ≤ 315 A gG, 250 A gG @50 kA I_{scCR} , 315 A gG @25 kA I_{scCR}	Integrated back-up fuse	No
Leakage current at U_n	0.3 mA	Max. continuous voltage, U_c (AC)	75 V
Number of poles	1	Rated voltage (AC)	60 V
Requirements category acc. to IEC 61643-11	Type II	Requirements class, acc. to EN 61643-11	T2
Response time	≤ 25 ns	SPD type	T2
Short-circuit current rating I_{scCR}	50 kA	Signalling contact	No
Standards	IEC61643-11, EN61643-11, UL 1449, NFPA 79	Temporary surge voltage (over-voltage) - TOV	114 V
Voltage type	AC		

Creation date July 15, 2025 4:57:23 AM CEST

Catalogue status 04.07.2025 / We reserve the right to make technical changes.

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Technical data

Connection data

Wire connection method Plug-in connection

Electrical data

Voltage type AC

Ratings IECEx/ATEX/cUL

Certificate no. (cULus) E354261

Guarantee

Time interval 5 years

Classifications

ETIM 7.0	EC000941	ETIM 8.0	EC000941
ETIM 9.0	EC000941	ETIM 10.0	EC000941
ECLASS 12.0	27-17-12-02	ECLASS 13.0	27-17-12-02
ECLASS 14.0	27-17-12-02	ECLASS 15.0	27-17-12-02

Approvals

Approvals



Approvals MAMID https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319228/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319263/-T1z1mm-S800/

ROHS Conform

UL File Number Search UL Website

Certificate No. (cURus) E3542610000

Certificate no. (cULus) E354261

Environmental Product Compliance

RoHS Compliance Status Compliant without exemption

REACH SVHC No SVHC above 0.1 wt%

Downloads

Approval/Certificate/Document of Conformity [EU_Konformitätserklärung / EU Declaration of Conformity](#)
[UK_Konformitätserklärung / UK Declaration of Conformity](#)

User Documentation [Beipackzettel / Instruction sheet](#)

Catalogues [Catalogues in PDF-format](#)

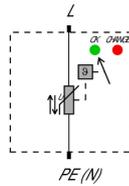
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Drawings

Electric symbol



Schematic circuit diagram

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Accessories

Crosshead screwdriver Phillips

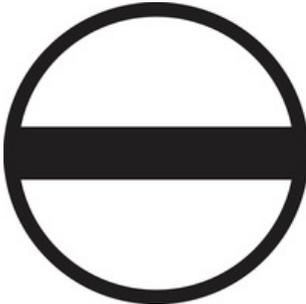


VDE insulated crosshead screwdriver, for Phillips screws, SDIK PH DIN 7438, ISO 8764/2-PH, output to ISO 8764-PH, SoftFinish grip

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 thickness (A): 1 mm
GTIN (EAN)	4050118897050	
Qty.	1 pc(s).	

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Accessories

VPU Series



Extensive accessories round off the product range

General ordering data

Type	VPU LOCKING CLIP S
Order No.	2735080000
GTIN (EAN)	4050118826050
Qty.	10 pc(s).