

**VPU AC II US 0 240/50 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, Single-phase, TN
Order No.	<a href="#">2736500000</a>
Type	VPU AC II US 0 240/50 Y
GTIN (EAN)	4050118825497
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	65 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)	900 V	MCOV (L/N-PE)	300 V
SCCR	150 kA	$I_n$	20 kA
Category	SPD TYPE 1	Ambient temperature (operational), min. -40 °C	
VPR (L-PE)	900 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 $\mu$ s) wire-PE	50 kA	Discharge current $I_n$ (8/20 $\mu$ s) wire-PE	20 kA
Energy coordination ( $\leq 10$ 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 $\leq 160$ A gG	Leakage current at $U_n$	0.3 mA
Low voltage network	Single-phase, TN	Max. continuous voltage, $U_c$ (AC)	300 V
Number of poles	1	Protection level $U_p$ at $I_N$ (L/N-PE)	$\leq 1.3$ 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	$\leq 25$ 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	337 V	Voltage type	AC

## Connection data

Wire connection method	Plug-in connection
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## Electrical data

Voltage type	AC
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Creation date July 14, 2025 7:22:46 PM CEST

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

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**Technical data****Ratings IECEx/ATEX/cUL**

Certificate no. (cULus)	E354261
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**Guarantee**

Time interval	5 years
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**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	<a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319228/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319228/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319263/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319263/-T1z1mm-S800/</a>
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ROHS	Conform
UL File Number Search	UL Website
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	<a href="#">EU Konformitätserklärung / EU Declaration of Conformity</a> <a href="#">UK Konformitätserklärung / UK Declaration of Conformity</a>
User Documentation	<a href="#">Beipackzettel / Instruction sheet</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

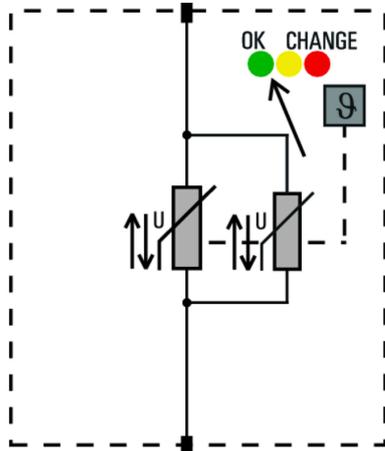
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**Drawings**

**Electric symbol**



Schematic circuit diagram

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## Accessories

### Crosshead screwdriver Phillips

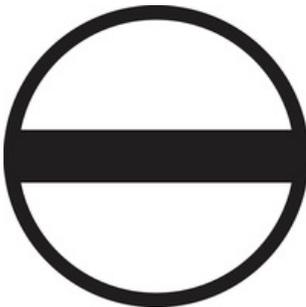


VDE insulated crosshead screwdriver, for Phillips screws, SDIK PH DIN 7438, ISO 8764/2-PH, output to ISO 8764-PH, SoftFinish grip

#### General ordering data

Type	SDIK PH1 X 80	Version
Order No.	<a href="#">2749890000</a>	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.	<a href="#">2749850000</a>	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.	<a href="#">2735080000</a>
GTIN (EAN)	4050118826050
Qty.	10 pc(s).