

VPU PV I+II O 1000 E**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

Similar to illustration

**General ordering data**

Version	Surge voltage arrester, Low voltage, Accessories, Surge protection I / II, Spare arrester
Order No.	2530530000
Type	VPU PV I+II O 1000 E
GTIN (EAN)	4050118540741
Qty.	9 pc(s).

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Technical data

Dimensions and weights

Depth	63 mm	Depth (inches)	2.48 inch
Height	45 mm	Height (inches)	1.772 inch
Width	18 mm	Width (inches)	0.709 inch
Net weight	9.444 g		

Temperatures

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

General data

Colour	orange	Design	Installation housing; 1TE
Operating altitude	≤ 4000 m	Optical function display	green = OK; red = arrester is defective - replace
Protection degree	IP20	UL 94 flammability rating	V-0
Version	Surge protection I / II, Spare arrester		

Insulation coordination acc. to EN 50178

Pollution severity	2	Surge voltage category	III
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Photovoltaic technical data

Discharge current I_n (8/20 μs)	20 kA	Discharge current, max. (8/20 μs)	40 kA
Lightning test current I_{imp} (10/350 μs)	5 kA	Operating height in the grounded PV system	≤ 2000 m
PV system voltage, max. U_{cpv}	1,100 V	Protection level U_p (+/-, -/PE, +/-PE)	≤ 3.8 kV
Short-circuit current I_{SCPv}	11,000 A	Standards	EN 61643-31, EN 50539-11
Total discharge current I_{total} (8/20 μs)	50 kA	Total discharge current I_{total} (10/350 μs)	6.25 kA

Rated data IEC / EN

Discharge current, max. (8/20 μs)	40 kA	Leakage current at U_n	30 μA
Lightning test current I_{imp} (10/350 μs)	5 kA	Number of poles	1
Response time	≤ 25 ns	SPD type	T1, T2
Standards	EN 61643-31, EN 50539-11	Voltage type	DC

Connection data

Type of connection	pluggable
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Guarantee

Time interval	5 years
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www.weidmueller.com**Technical data****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

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Approvals

Approvals



ROHS

Conform

DownloadsApproval/Certificate/Document of Con-
formity[CE_VPU_PV](#)

Engineering Data

[CAD data – STEP](#)

User Documentation

[Beipackzettel / Instruction sheet](#)

Catalogues

[Catalogues in PDF-format](#)

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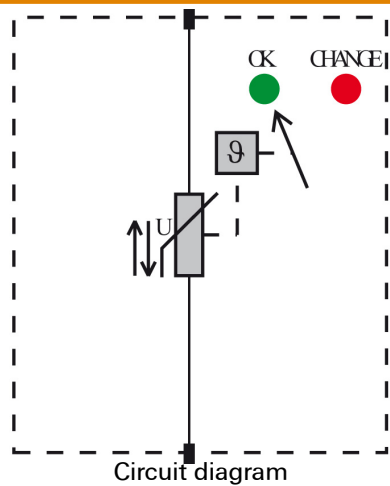
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Drawings

Electric symbol



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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).	