

VPU PV II O 1500**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image****General ordering data**

Version	Surge voltage arrester, Low voltage, Accessories, Spare arrester
Order No.	2530630000
Type	VPU PV II O 1500
GTIN (EAN)	4050118540840
Qty.	9 pc(s).

VPU PV II O 1500

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Depth	57.2 mm	Depth (inches)	2.252 inch
Height	45 mm	Height (inches)	1.772 inch
Width	18 mm	Width (inches)	0.709 inch
Net weight	9.222 g		

Temperatures

Storage temperature	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	750 V
SCCR	65 kA	I_n	20 kA
Category	SPD TYPE 1CA	Ambient temperature (operational), min. -40 °C	
Certificate No. (cURus)	E35426 10000	VPR (DC+/DC-)	4,000 V
Voltage type	DC		

General data

Number of poles	1	Protection degree	IP20
Colour	orange		

Insulation coordination acc. to EN 50178

Pollution severity	2	Surge voltage category	III
--------------------	---	------------------------	-----

Photovoltaic technical data

Discharge current I_n (8/20 μ s)	20 kA	Operating height in the grounded PV system	≤ 2000 m
PV system voltage, max. U_{cpv}	1,500 V	Protection level U_p (+/-, -/PE, +/-PE)	$\leq 5,0$ kV
Protection level U_p (+/-)	$\leq 5,0$ kV	Protection level U_p (+/PE)	≤ 2.5 kV
Protection level U_p (-/PE)	≤ 2.5 kV	Requirements class	Type II
Short-circuit current I_{scpv}	11,000 A	Standards	EN 61643-31, EN 50539-11, UL 1449
Total discharge current I_{total} (8/20 μ s)	40 kA		

Rated data IEC / EN

Integrated back-up fuse	No	Leakage current at U_n	30 μ A
Number of poles	1	Response time	≤ 25 ns
SPD type	T2	Standards	EN 61643-31, EN 50539-11, UL 1449
Voltage type	DC		

Connection data

Type of connection	pluggable
--------------------	-----------

Electrical data

Voltage type	DC
--------------	----

VPU PV II 0 1500

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Guarantee

Time interval	5 years
---------------	---------

Classifications

ETIM 6.0	EC000941	ETIM 7.0	EC000941
ETIM 8.0	EC000941	ETIM 9.0	EC000941
ETIM 10.0	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	ECLASS 14.0	27-17-90-90
ECLASS 15.0	27-17-90-90		

Environmental Product Compliance

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

Approvals

Approvals



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

ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E3542610000

Downloads

Approval/Certificate/Document of Conformity	CE VPU PV
Engineering Data	CAD data – STEP
User Documentation	Beipackzettel / Instruction sheet
Catalogues	Catalogues in PDF-format

VPU PV II 0 1500

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

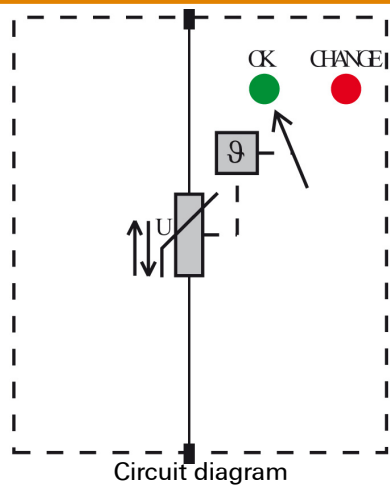
D-32758 Detmold

Germany

www.weidmueller.com

Drawings

Electric symbol

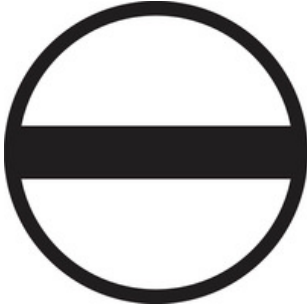


VPU PV II 0 1500**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Accessories****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).	

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).	