

VPU PV I+II 5 R 1500**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Abb. ähnlich

General ordering data

Order No.	3012990000
Type	VPU PV I+II 5 R 1500
GTIN (EAN)	4099986922594
Qty.	1 pc(s).

VPU PV I+II 5 R 1500

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Technical data

Dimensions and weights

Depth	86 mm	Depth (inches)	3.386 inch
Height	111 mm	Height (inches)	4.37 inch
Width	90 mm	Width (inches)	3.543 inch
Net weight	780 g		

Temperatures

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

Connection data, remote alert

Connection type	Screw terminal connectors, Screw connection	Stripping length	10 mm
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General data

Number of poles	5	Protection degree	IP20 in installed state
Colour	orange, black		

Insulation coordination acc. to EN 50178

Pollution severity	2	Surge voltage category	I, III
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Photovoltaic technical data

Discharge current I_n (8/20 μ s)	20 kA	Lightning test current I_{imp} (10/350 μ s)	5 kA
Operating height in the grounded PV system	≤ 2000 m	Operating height in ungrounded PV system	≤ 4000 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	Short-circuit current I_{SCP}	11,000 A
Standards	EN 61643-31, EN 50539-11	Total discharge current I_{total} (8/20 μ s)	50 kA
Total discharge current I_{total} (10/350 μ s)	10 kA		

Rated data IEC / EN

Discharge current I_{max} (8/20 μ s) wire-PE	30 kA	Integrated back-up fuse	No
Leakage current at U_n	30 μ A	Lightning test current I_{imp} (10/350 μ s)	5 kA
Max. continuous voltage, U_c (DC)	1500 V	Number of poles	5
Rated voltage (DC)	1500 V	Response time	≤ 25 ns
SPD type	T2, T1	Short-circuit current rating I_{SCCR}	50 kA
Signalling contact	250 V 1A 1CO	Standards	EN 61643-31, EN 50539-11
Suitable for	Photovoltaics	Voltage type	DC

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Technical data

Connection data

Stripping length	18 mm	Wire connection method	Screw connection
Stripping length, rated connection	18 mm	Tightening torque, min.	3 Nm
Tightening torque, max.	4.5 Nm	Clamping range, rated connection	6 mm ²
Clamping range, min.	1.5 mm ²	Clamping range, max.	35 mm ²
Wire cross-section, solid, min.	1.5 mm ²	Wire cross-section, solid, max.	35 mm ²
Wire connection cross section, finely stranded, max.	25 mm ²	Connection cross-section, stranded, min.	1.5 mm ²
Connection cross-section, stranded, max.	35 mm ²		

Electrical data

Voltage type	DC
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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
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/
ROHS	Conform

Downloads

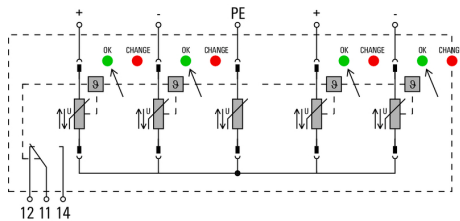
Approval/Certificate/Document of Conformity	CE VPU PV I+II 5_pole
Engineering Data	CAD data – STEP
User Documentation	Beipackzettel / Instruction Sheet
Catalogues	Catalogues in PDF-format

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Drawings

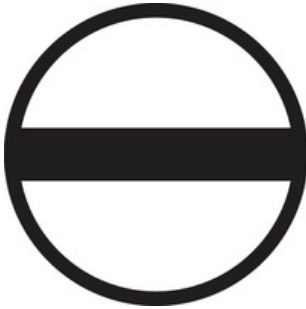


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www.weidmueller.com**Accessories****Slotted screwdriver**

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).	

Spare Arrester**General ordering data**

Type	VPU PV I+II 5 O 1500
Order No.	3013020000
GTIN (EAN)	4099986922617
Qty.	1 pc(s).

Type	VPU PV I+II 5 OM 1500
Order No.	3013010000
GTIN (EAN)	4099986922600
Qty.	1 pc(s).