

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

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Abb. ähnlich

General ordering data

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

VPU PV I+II 5 0M 1500

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Technical data

Dimensions and weights

Depth	73.5 mm	Depth (inches)	2.894 inch
Height	45 mm	Height (inches)	1.772 inch
Width	18 mm	Width (inches)	0.709 inch
Net weight	88 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

Rated data UL

SCCR	50 kA
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Connection data, remote alert

Connection type	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		

Photovoltaic technical data

Discharge current I_n (8/20 μ s)	20 kA	Lightning test current I_{imp} (10/350 μ s)	5 kA
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_{SCPv}	11 kA
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	40 kA	Integrated back-up fuse	No
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
Short-circuit current rating I_{SCCR}	50 kA	Voltage type	DC

Connection data

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

Electrical data

Voltage type	DC
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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
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
Catalogues	Catalogues in PDF-format

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Drawings

