

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

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Depth	73.5 mm	Depth (inches)	2.894 inch
Width	71 mm	Width (inches)	2.795 inch
Net weight	88 g		

Temperatures

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

Rated data UL

SCCR	50 kA
------	-------

Connection data, remote alert

Connection type	Screw connection	Stripping length	10 mm
-----------------	------------------	------------------	-------

General data

Colour	orange, black	Design	Insta IP 20
Operating altitude	≤ 4000 m	Protection degree	IP20 in installed state
Rail	TS 35		

Photovoltaic technical data

Discharge current I_n (8/20 μ s)	20 kA	Discharge current, max. (8/20 μ s)	40 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)	≤ 5,0 kV	Protection level U_p (+/-)	≤ 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	Discharge current, I_{imp} (10/350 μ s)	5 kA
Discharge current, max. (8/20 μ s)	40 kA	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

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

Creation date June 4, 2024 1:12:42 AM CEST

VPU PV I+II 5 0M 1500

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Technical data

Approvals

Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of Con-
formity

[CE_VPU_PV_I+II_5_pole](#)

Catalogues

[Catalogues in PDF-format](#)

VPU PV I+II 5 0M 1500

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Drawings

