Data sheet

VPU PV I+II 5 0M 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 0M 1500
GTIN (EAN)	4099986922600
Qty.	9 items

Data sheet

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Technical data

Approvals

Approvals	
ROHS	Conform

Dimensions and weights

Depth	73.5 mm	Depth (inches)	2.8937 inch
Height	45 mm	Height (inches)	1.7716 inch
Width	18 mm	Width (inches)	0.7087 inch
Net weight	10.42 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

Environmental Product Compliance

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

Rated data UL

SCCR	50 kA

Connection data, remote alert

Stripping length	10 mm	Connection type	Screw connection

General data

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

Photovoltaic technical data

Lightning test current Iimp (10/350 µs)	5 kA	Protection level Up (+/- , -/PE , +/PE)	≤ 5,0 kV
Short-circuit curent ISCPV	11 kA	Total discharge current Itotal (8/20µs)	50 kA
Discharge current In (8/20 µs)	20 kA	Requirements class	Type I/II
Total discharge current Itotal (10/350µs)	10 kA	Protection level Up (+/-)	≤ 5,0 kV
PV system voltage, max. Ucpv	1500 V		

Rated data IEC / EN

Number of poles	1	Signalling contact	No
Rated voltage (DC)	1500 V	Voltage type	DC
Fuse protection	No	Lightning test current Iimp (10/350 µs)	5 kA
Max. continuous voltage, Uc (DC)	1500 V	Energy coordination (≤10 m)	Type I, Type II, Type III
Discharge current Imax (8/20µs) wire-PE	40 kA	SPD type	T1, T2
Short-circuit current rating ISCCR	50 kA	Integrated back-up fuse	No

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Connection data

Stripping length	18 mm	Wire connection method	Screw connection
Type of connection	Screw connection	Stripping length, rated connection	18 mm
Tightening torque, max.	4.5 Nm	Clamping range, min.	1.5 mm²
Clamping range, max.	35 mm²	Wire cross-section, solid, min.	1.5 mm²
Wire cross-section, solid, max.	35 mm²	Wire connection cross section, finely stranded, max.	35 mm²
Connection cross-section, stranded, max.	35 mm²		

Electrical data

Voltage type	DC

General data

Number of poles	1	Protection degree	IP20 in installed state, IP20
Colour	orange, black		

Classifications

ETIM 8.0	EC001457	ETIM 9.0	EC001457
ETIM 10.0	EC001457	ECLASS 14.0	27-17-14-03
ECLASS 15.0	27-17-14-03		

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Drawings

