

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.	9 items

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Technical data

Approvals

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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
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Connection data, remote alert

Stripping length	10 mm	Connection type	Screw connection
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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 current ISCPV	11 kA	Total discharge current Itotal (8/20 μs)	50 kA
Discharge current In (8/20 μs)	20 kA	Requirements class	Type I/II
Total discharge current Itotal (10/350 μs)	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 I _{max} (8/20 μs) 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 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.	35 mm ²
Connection cross-section, stranded, max.	35 mm ²		

Electrical data

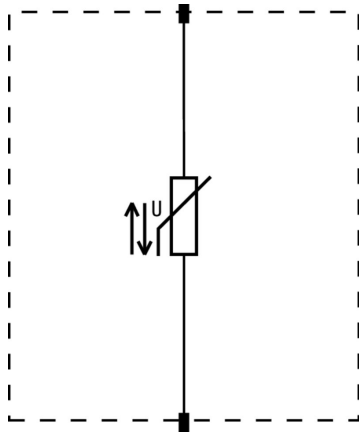
Voltage type	DC
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General data

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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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 thickness (A): 1 mm	
GTIN (EAN)	4050118897050		
Qty.	1 ST		

Blank



ESG is the tried-and-tested marker in MultiCard format for use on many well-known electrical devices. The result is high-quality device marking with a high-contrast appearance.

Various types are available for devices from manufacturers like Siemens, ABB, Beckhoff etc.

Advantages at a glance:

- Tags for universal usage, self-adhesive or clip-on tags, depending on type
- For aligned equipment, e.g. circuit breakers, we supply ESG markers for clipping onto tag rails
- Individual laser-quality printing according to specifications

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

Type	ESG 6/15 K MC NE WS	Version	
Order No.	1880100000	ESG, Device markers x 15 mm, PA 66, Colour: white, Self-adhesive	
GTIN (EAN)	4032248478781		
Qty.	200 ST		

VPU Series



Extensive accessories round off the product range

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Accessories

General ordering data

Type	VPU LOCKING CLIP S	Version	
Order No.	2735080000		
GTIN (EAN)	4050118826050		
Qty.	10 ST		