

VPU PV I+II 5 0 1500

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

www.weidmueller.com



General ordering data

Order No.	3013020000
Type	VPU PV I+II 5 0 1500
GTIN (EAN)	4099986922617
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	14.76 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

Creation date 03.03.2026 08:50:33 MEZ

Catalogue status / Drawings

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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, min.	3 Nm	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

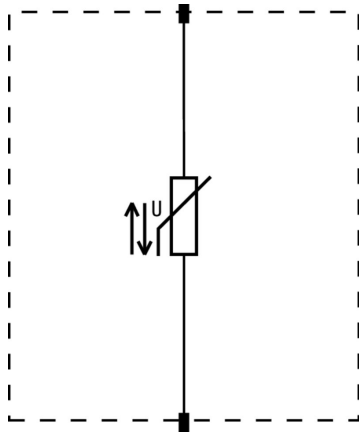
Voltage type	DC
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General data

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:

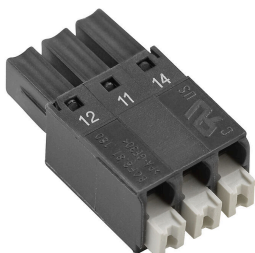
- Tags for universal usage, self-adhesive or clip-on tags, depending on type
- For aligned equipment, e.g. circuit breakers, we supply ESG markers for clipping onto tag rails
- Individual laser-quality printing according to specifications

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		