

VPU PV II 3 1000 MB**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**General ordering data**

Order No.	3034850000
Type	VPU PV II 3 1000 MB
GTIN (EAN)	4099986991736
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	70 mm	Depth (inches)	2.756 inch
Height	112.3 mm	Height (inches)	4.421 inch
Width	53.7 mm	Width (inches)	2.114 inch
Net weight	299.13 g		

Temperatures

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

General data

Number of poles	3	Protection degree	IP20 in installed state
Colour	black		

Insulation coordination acc. to EN 50178

Pollution severity	2
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Photovoltaic technical data

Operating height in the grounded PV system	≤ 2000 m	Operating height in ungrounded PV system	≤ 4000 m
PV system voltage, max. U_{cpv}	1,000 V	Protection level U_p (+/-, -/PE, +/-PE)	≤ 3.8 kV
Requirements class	Type II	Short-circuit current I_{SCP}	15 kA
Standards	IEC 61643-31, EN 61643-31	Total discharge current I_{total} (8/20μs)	40 kA

Rated data IEC / EN

Number of poles	3	Response time	≤ 25 ns
Standards	IEC 61643-31, EN 61643-31	Voltage type	DC

Connection data

Stripping length	18 mm	Wire connection method	Screw connection
Type of connection	Screw connection	Tightening torque, min.	2.5 Nm
Tightening torque, max.	2.5 Nm	Wire cross-section, solid, min.	6 mm ²
Wire cross-section, solid, max.	2.5 mm ²	Wire connection cross section, finely stranded, min.	2.5 mm ²
Wire connection cross section, finely stranded, max.	25 mm ²	Connection cross-section, stranded, min.	2.5 mm ²
Connection cross-section, stranded, max.	35 mm ²		

Electrical data

Voltage type	DC
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ETIM 6.0	EC000941	ETIM 7.0	EC000941
ETIM 8.0	EC000941	ETIM 9.0	EC000941
ETIM 10.0	EC000941	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

Approvals

ROHS	Conform
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Downloads

Approval/Certificate/Document of Conformity	EU_Konformitätserklärung / EU_Declaration_of_Conformity
Engineering Data	CAD data – STEP
User Documentation	Beipackzettel / Instruction sheet
Catalogues	Catalogues in PDF-format

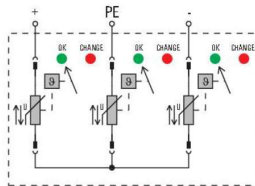
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Drawings

Electric symbol



Circuit diagram