

VPU PV II 3 600



General ordering data

Order No.	2857060000
Type	VPU PV II 3 600
GTIN (EAN)	4064675537427
Qty.	1 items

VPU PV II 3 600

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

Depth	75 mm	Depth (inches)	2.9527 inch
Height	96 mm	Height (inches)	3.7795 inch
Width	54 mm	Width (inches)	2.126 inch
Mounting dimension - height	75 mm	Net weight	347 g

Temperatures

Storage temperature	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%

General data

Optical function display	green = OK; red = arrester is defective - replace	Version	Surge protection II
Design	Installation housing; 3TE, Insta IP 20	UL 94 flammability rating	V-0
Colour	black, orange	Protection degree	IP20
Mounting rail	TS 35	Operating altitude	≤ 4000 m

Insulation coordination acc. to EN 50178

Surge voltage category	III	Pollution severity	2
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Photovoltaic technical data

Standards	EN 61643-31, EN 50539-11	Protection level Up (+/-, -/PE, +/-PE)	≤ 2 kV
Operating height in ungrounded PV system	≤ 4000 m	Short-circuit current ISCPv	11000 A
Total discharge current (I _{total}) (8 / 20 μs)	50 kA	Discharge current I _n (8/20 μs)	20 kA
Requirements class	Type II	Operating height in the grounded PV system	≤ 2000 m
PV system voltage (U _{cpv}), max.	600 V		

Rated data IEC / EN

Number of poles	3	Leakage current (nominal voltage)	30 μA
Signalling contact	No	Rated voltage (DC)	600 V
Voltage type	DC	Response time / fallback time	≤ 25 ns
Standards	EN 61643-31, EN 50539-11	Requirements class, acc. to EN 61643-11	T2

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Discharge current I _{max} (8/20μs) wire-PE50 kA	SPD type	T2
Integrated back-up fuse	No	

Connection data

Stripping length	18 mm	Type of connection	Screw connection
Stripping length, rated connection	18 mm	Tightening torque, min.	3 Nm
Tightening torque, max.	4.5 Nm	Clamping range, rated connection	6 mm ²
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.	1.5 mm ²
Wire connection cross section, finely stranded, min.	1.5 mm ²	Wire connection cross-section, finely stranded, max.	25 mm ²
Connection cross-section, stranded, min.	1.5 mm ²	Connection cross-section, stranded, max.	35 mm ²

Electrical data

Voltage type	DC
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General data

Number of poles	3	Protection degree	IP20
Colour	black, orange		

Guarantee

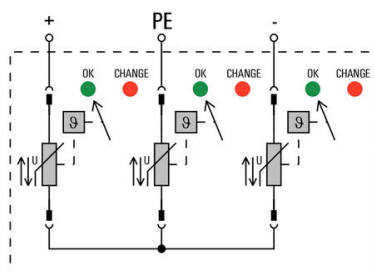
Time interval	5 years
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Classifications

ETIM 8.0	EC000941	ETIM 9.0	EC000941
ETIM 10.0	EC000941	ECLASS 14.0	27-17-14-02
ECLASS 15.0	27-17-14-02		

Drawings

Electric symbol



Circuit diagram