

VPU PV II 3 600**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

Order No.	2857060000
Type	VPU PV II 3 600
GTIN (EAN)	4064675537427
Qty.	1 pc(s).
Replacement parts	2857080000

VPU PV II 3 600

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Depth	75 mm	Depth (inches)	2.953 inch
Height	96.5 mm	Height (inches)	3.799 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		

General data

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

Insulation coordination acc. to EN 50178

Pollution severity	2	Surge voltage category	III
--------------------	---	------------------------	-----

Photovoltaic technical data

Discharge current I_n (8/20 μ s)	20 kA	Discharge current, max. (8/20 μ s)	50 kA
Operating height in the grounded PV system	≤ 2000 m	Operating height in ungrounded PV system	< 4,000 m, see operating instructions
PV system voltage, max. U_{cpv}	600 V	Protection level U_p (+/-, -/PE, +/-PE)	≤ 2000 V
Requirements class	Type II	Short-circuit current I_{SCPv}	11,000 A
Standards	EN 61643-31, EN 50539-11	Total discharge current I_{total} (8/20 μ s)	50 kA

Rated data IEC / EN

Discharge current, max. (8/20 μ s)	50 kA	Number of poles	3
Rated voltage (DC)	600 V	Response time	≤ 25 ns
SPD type	T2	Signalling contact	No
Standards	EN 61643-31, EN 50539-11	Voltage type	DC

Connection data

Type of connection	Screw connection	Stripping length, rated connection	18 mm
Tightening torque, min.	2 Nm	Tightening torque, max.	4 Nm
Clamping range, rated connection	16 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.	16 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		

VPU PV II 3 600**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Technical data****Guarantee**

Time interval	5 years
---------------	---------

Classifications

ETIM 6.0	EC000941	ETIM 7.0	EC000941
ETIM 8.0	EC000941	ETIM 9.0	EC000941
ECLASS 9.0	27-13-08-05	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

Approvals

Approvals



ROHS	Conform
------	---------

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

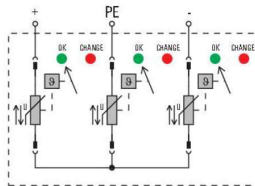
VPU PV II 3 600

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

www.weidmueller.com

Drawings

Electric symbol



Circuit diagram

VPU PV II 3 600

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

www.weidmueller.com

Replacement parts

Spare Arrester



General ordering data

Type	VPU PV II 0 600
Order No.	2857080000
GTIN (EAN)	4064675537441
Qty.	9 pc(s).

VPU PV II 3 600

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Accessories

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 pc(s).	

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

VPU PV II 3 600**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Accessories****Crosshead screwdriver Phillips**

VDE insulated crosshead screwdriver, for Phillips screws, SDIK PH DIN 7438, ISO 8764/2-PH, output to ISO 8764-PH, SoftFinish grip

General ordering data

Type	SDIK PH1 X 80	Version
Order No.	2749890000	Screwdriver, Blade width (B): 1 mm, 80 mm, Blade thickness (A): 1
GTIN (EAN)	4050118897098	
Qty.	1 pc(s).	