Data sheet

VPCB PV II R 600

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

www.weidmueller.com

'Abbildung ähnlich'

Versatile accessories round off the surge protection range. E.g. the all-purpose measuring device V-TEST, which is used to check the function of pluggable arresters such as VSPC.

General ordering data

Order No.	2857090000
Type	VPCB PV II R 600
GTIN (EAN)	4064675537458
Qty.	20 items
Delivery status	This article will no longer be available in the future.
Last order date	2026-06-01T00:00:00+02:00

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Technical data

Approvals

ROHS	Conform

Dimensions and weights

Depth	52.2 mm	Depth (inches)	2.0551 inch
Height	61.5 mm	Height (inches)	2.4213 inch
Width	17.9 mm	Width (inches)	0.7047 inch
Net weight	20 g		

Temperatures

Storage 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%

General data

Version	Miscellaneous	Design	miscellaneous
UL 94 flammability rating	V-0	Colour	grey
Protection degree	IP20		

Insulation coordination acc. to EN 50178

Surge voltage category	III	Pollution severity	2

Photovoltaic technical data

Conditions and requirements	EN 50539-11	Operating height in ungrounded PV system	≤ 4000 m
Short-circuit curent (ISCPV)	11 kA	Discharge current In (8/20 µs)	20 kA
Requirements class	Type I/II	Operating height in the grounded PV system	≤ 4000 m
PV system voltage (Ucpv), max.	750 V		

Rated data IEC / EN

Number of poles	1	Signalling contact	250 V / 0,5 A, 48 V CC / 0.5 A
Voltage type	DC	Discharge current Imax (8/20µs) wire-PE	40 kA
With integrated back-up fuse	No		

Connection data

Type of connection	Solder connection

Electrical data

Voltage type	DC

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Number of poles	1	Protection degree	IP20
Colour	grey		

Guarantee

Time interval	5 years

Classifications

ETIM 8.0	EC002496	ETIM 9.0	EC002496
ETIM 10.0	EC002496	ECLASS 14.0	27-17-14-03
ECLASS 15.0	27-17-14-03		

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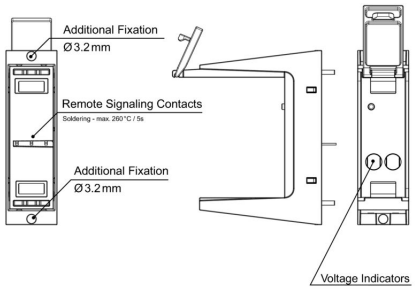
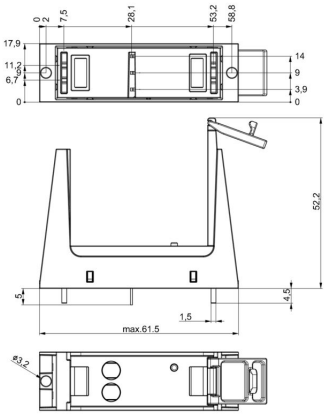
Drawings

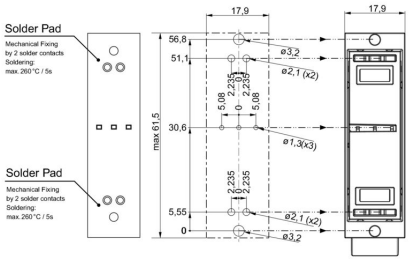
Similar to illustration



Dimensioned drawing



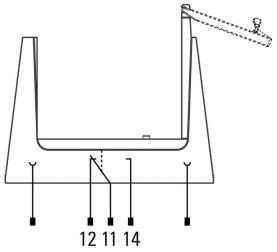
Example of use



PCB layout and production:

- Air clearance and creepage distances have to be maintained according to standards for specified application.
- Discharge capacity of the SPD must be considered when designing PCB tracks
- Max. soldering temperature is 260°/5s
- PCB socket is fixed on PCB with 2 x two solder contacts and 2 x Ø 3,2 mm fixing holes.

Electric symbol



Schematic circuit diagram

Application with arrestor