

# Surge protection for photovoltaic energy generation VARITECTOR PCB for integrated surge protection solutions

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Lightning and surge protection

**Weidmüller** 

The demand for cost and space efficiency in the photovoltaic industry have led to push for a change in format of multipole SPDs from DIN-rail to PCB-assembly design. This avoids wiring costs while maintaining the service friendliness of pluggable arresters.

Weidmüller offers a new range of VARITECTOR PCB sockets that allows the integration of standard DC plug-in surge arresters, both type 1+2 and type 2 onto a PCB.





### General ordering data

Typ	Best-Nr.
VPCB PV II 1000	2665680000
VPCB PV II R 1000	2665760000
VPCB PV I+II 1000	2665740000
VPCB PV I+II M 1000	2665750000
VPCB PV I+II R 1000	2665690000
VPCB PV I+II R M 1000	2665770000

### Dimensions

Typ	
Width	17.9 mm
Height	61.6 mm
Depth	52.2 mm

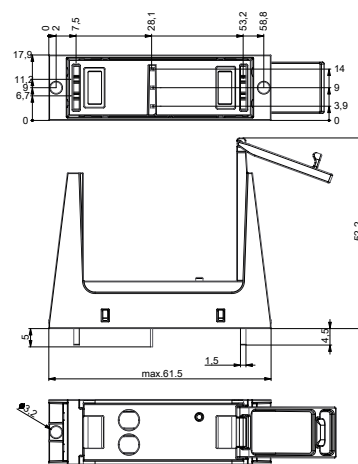
### Temperatures

Typ	
Operating temperature, min.	-40 °C
Operating temperature, max.	85 °C

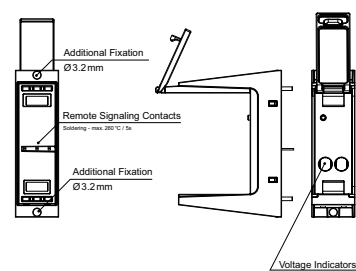
### Photovoltaic technical data

Typ	
Voltage type	DC
Rated Voltage $U_n$	750 V
PV system voltage, max. $U_{SPV}$	1,000 V
SPD type	T1, T2
Operating height in the grounded PV system	≤ 4000 m
Type of connection	Solder connection

### Dimensioned drawing



### Similar to illustration



You will find current tender documents, further planning-related information and our online catalog „Surge protection“ with all product and ordering information at:  
[www.weidmueller.com/varitector](http://www.weidmueller.com/varitector)



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