

VPCB PV I+II R 1000 E**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.	2665730000
Type	VPCB PV I+II R 1000 E
GTIN (EAN)	4050118686609
Qty.	20 items

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Technical data

Approvals

ROHS	Conform
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Dimensions and weights

Depth	52.2 mm	Depth (inches)	2.0551 inch
Height	61.6 mm	Height (inches)	2.4252 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
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Photovoltaic technical data

Lightning test current Iimp (10/350 µs)	6.25 kA	Conditions and requirements	EN 50539-11
Short-circuit current ISCP	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.	1500 V		

Rated data IEC / EN

Number of poles	1	Signalling contact	125 V AC / 1 A, 48 V CC / 0.5 A
Voltage type	DC	Lightning test current Iimp (10/350 µs)	6.25 kA
Discharge current Imax (8/20µs) wire-PE40 kA		Integrated back-up fuse	No

Connection data

Type of connection	Solder connection
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Electrical data

Voltage type	DC
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Number of poles	1	Protection degree	IP20
Colour	grey		

Guarantee

Time interval	5 years
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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		

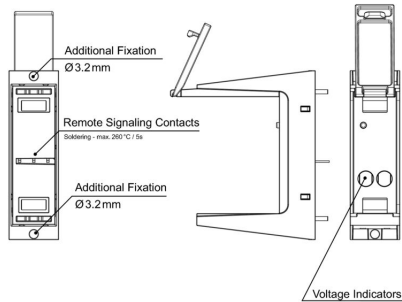
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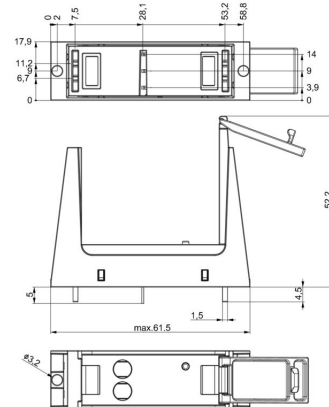
www.weidmueller.com

Drawings

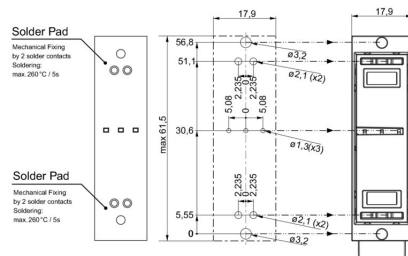
Similar to illustration



Dimensioned drawing



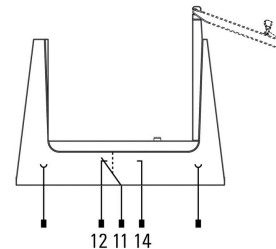
Example of use



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

Sockety / Socket type / Type d'embase / Tipo di presa / Tipo de conector / 插座类型	Überspannungsschleifer / Surge arrester / Parafoudre / Scaricatori / Descargador de sobretensiones / 浪涌电压保护器		
Bestellnummer / Order number / Numero de comanda / Numero di ordine / Numero de pedido / 订单号	Bezeichnung / Designation / Designation / Designazione / Designación / 名称	Bestellnummer / Order number / Numero de comanda / Numero di ordine / Numero de pedido / 订单号	Bezeichnung / Designation / Designation / Designazione / Designación / 名称
2656500000	VPGB PV I 1000		
2656600000	VPGB PV I R 1000 ⁽¹⁾	2530600000	VPV P II 0 1000
2656740000	VPGB PV II 1000		
2656760000	VPGB PV II R 1000 ⁽¹⁾		
2656800000	VPGB PV II 1000	2530700000	VPV P II 0 M 1000
2656820000	VPGB PV II R 1000 ⁽¹⁾		
2656720000	VPGB PV II R M 1000 ⁽¹⁾	2534300000	VPV P II OM 1000

1) R = Fernmeldekontakte / Remote signaling contacts / Contacts de télésignalisation / Contatti di segnalazione remota / Contactos de señalización a distancia / 远程信号触点

Selection