

VPCB PV I+II R 1000**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.	2665760000
Type	VPCB PV I+II R 1000
GTIN (EAN)	4050118686272
Qty.	20 pc(s).

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Technical data

Dimensions and weights

Depth	52.2 mm	Depth (inches)	2.055 inch
Height	61.6 mm	Height (inches)	2.425 inch
Width	17.9 mm	Width (inches)	0.705 inch
Net weight	20 g		

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-40 °C...85 °C
Humidity	5 - 95% rel. humidity		

General data

Number of poles	1	Protection degree	IP20
Colour	grey		

Insulation coordination acc. to EN 50178

Pollution severity	2	Surge voltage category	III
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Photovoltaic technical data

Conditions and requirements	EN 50539-11	Discharge current I_n (8/20 μ s)	20 kA
Lightning test current I_{imp} (10/350 μ s)	6.25 kA	Operating height in the grounded PV system	≤ 4000 m
PV system voltage, max. U_{cpv}	1,500 V	Requirements class	Type I/II
Short-circuit current I_{scpv}	11 kA		

Rated data IEC / EN

Discharge current I_{max} (8/20 μ s) wire-PE	40 kA	Integrated back-up fuse	No
Lightning test current I_{imp} (10/350 μ s)	6.25 kA	Number of poles	1
Signalling contact	250 V / 0.5 A, 48 V CC / 0.5 A	Voltage type	DC

Connection data

Type of connection	Solder connection, when screwed in
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Electrical data

Voltage type	DC
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Guarantee

Time interval	5 years
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www.weidmueller.com**Technical data****Classifications**

ETIM 6.0	EC000941	ETIM 7.0	EC000941
ETIM 8.0	EC000941	ETIM 9.0	EC000941
ETIM 10.0	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	ECLASS 14.0	27-17-90-90
ECLASS 15.0	27-17-90-90		

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/
ROHS	Conform

Downloads

Engineering Data	CAD data – STEP
User Documentation	Assembly instructions VPCB PV
Catalogues	Catalogues in PDF-format

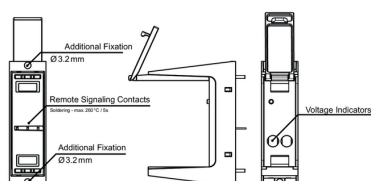
VPCB PV I+II R 1000

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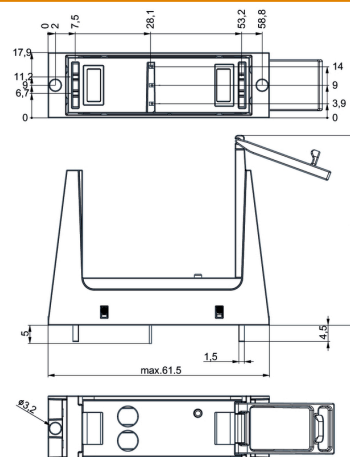
www.weidmueller.com

Drawings

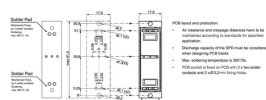
Similar to illustration



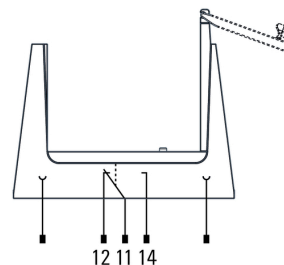
Dimensioned drawing



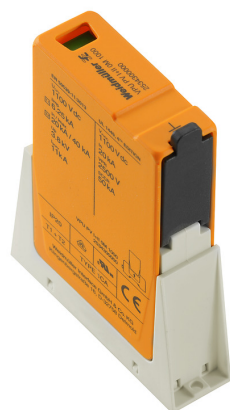
Example of use



Electric symbol



Schematic circuit diagram



Application with arrestor

Bestellnummer / Order number / Numéro de commande / Número de pedido / 订货号	Bezeichnung / Designation / Désignation / Designazione / 规格	Bestellnummer / Order number / Numéro de commande / Número de pedido / 订货号	Bezeichnung / Designation / Désignation / Designazione / 规格
254300000	VPCB PV I+II R 1000	250600000	VPU PV II D 1000
254300000	VPCB PV I+II R 1000 T1	250600000	VPU PV II D 1000
254300000	VPCB PV I+II R 1000 T1	250600000	VPU PV II D 1000
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254300000	VPCB PV I+II R 1000	250600000	VPU PV II D 1000

1) R = Fernmeldeanlage / Remote signaling contacts / Contactos de teleseñalización / Contatti di segnalazione remota / Contactos de señalización a distancia / 远端信号触点

Selection