

**VPCB PV I+II R 1000****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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.	<a href="#">2665760000</a>
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

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

## 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 $\mu$ s)	20 kA
Discharge current, max. (8/20 $\mu$ s)	40 kA	Operating height in the grounded PV system	$\leq 4000$ 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, max. (8/20 $\mu$ s)	40 kA	Number of poles	1
Voltage type	DC		

## Connection data

Type of connection	Solder connection, when screwed in
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## Guarantee

Time interval	5 years
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## 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

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## Technical data

### Approvals

Approvals



ROHS

Conform

### Downloads

Engineering Data	<a href="#">CAD data – STEP</a>
User Documentation	<a href="#">Assembly instructions VPCB PV</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

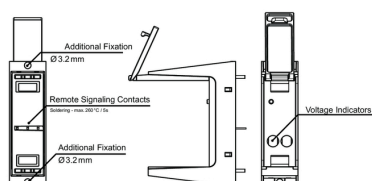
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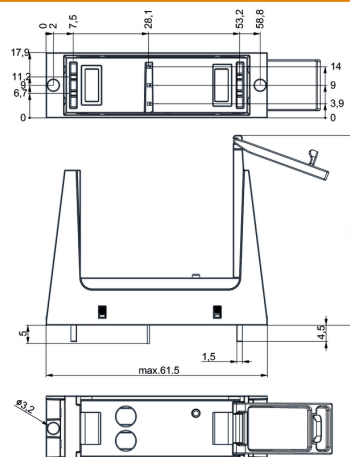
www.weidmueller.com

## Drawings

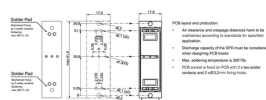
### Similar to illustration



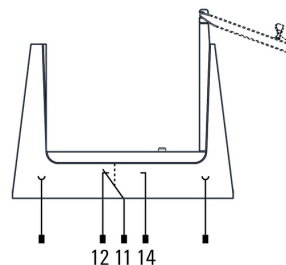
### Dimensioned drawing



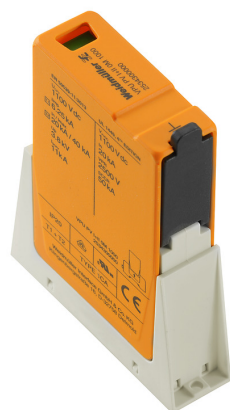
### Example of use



### Electric symbol



### Schematic circuit diagram



Application with arrestor

Socket type / Type d'embase / Tipo di presa / Tipo de conector / 插座类型	Überstromschutz / Surge arrester / Parafoudre / Surprotecteur / 浪涌保护器
Bestellnummer / Order number / Numéro de commande / Numero ordine / Número de pedido / 订货号	Bestellnummer / Order number / Numéro de commande / Numero ordine / Número de pedido / 订货号
254300000	VPCB PV I+II R 1000
254300000	VPCB PV I+II R 1000 11
254300000	VPCB PV I+II R 1000 12
254300000	VPCB PV I+II R 1000 13
254300000	VPCB PV I+II R 1000 14
254300000	VPCB PV I+II R 1000 15

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

Selection

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## Accessories

## Spare Arrester



## General ordering data

Type	VPU PV I+II O 1000	Version
Order No.	<a href="#">2530600000</a>	Surge voltage arrester, Low voltage, Accessories, Surge protection I /
GTIN (EAN)	4050118540819	II, Spare arrester
Qty.	9 pc(s).	