

**VPU PV I+II O 1500 E****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Product image**

Similar to illustration

**General ordering data**

Version	Surge voltage arrester, Low voltage, Accessories, Spare arrester
Order No.	<a href="#">2795590000</a>
Type	VPU PV I+II O 1500 E
GTIN (EAN)	4064675120193
Qty.	9 pc(s).

## VPU PV I+II 0 1500 E

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

## Dimensions and weights

Depth	63 mm	Depth (inches)	2.48 inch
Height	45 mm	Height (inches)	1.772 inch
Width	18 mm	Width (inches)	0.709 inch
Net weight	10 g		

## Temperatures

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

## General data

Colour	orange	Operating altitude	≤ 2000 m
Optical function display	green = OK; red = arrester is defective - replace	Protection degree	IP20
UL 94 flammability rating	V-0	Version	Spare arrester

## Insulation coordination acc. to EN 50178

Pollution severity	2
--------------------	---

## Photovoltaic technical data

Discharge current $I_n$ (8/20 $\mu$ s)	20 kA	Discharge current, max. (8/20 $\mu$ s)	30 kA
Lightning test current $I_{imp}$ (10/350 $\mu$ s)	5 kA	Operating height in the grounded PV system	≤ 2000 m
PV system voltage, max. $U_{cpv}$	1,500 V	Protection level $U_p$ (+/-, -/PE, +/-PE)	≤ 5,0 kV
Requirements class	Type I/II	Short-circuit current $I_{SCPv}$	11,000 A
Standards	EN 61643-31, EN 50539-11	Total discharge current $I_{total}$ (8/20 $\mu$ s)	40 kA
Total discharge current $I_{total}$ (10/350 $\mu$ s)	5 kA		

## Rated data IEC / EN

Discharge current, max. (8/20 $\mu$ s)	30 kA	Leakage current at $U_n$	30 $\mu$ A
Lightning test current $I_{imp}$ (10/350 $\mu$ s)	5 kA	Max. continuous voltage, $U_c$ (DC)	1500 V
Number of poles	1	Rated voltage (DC)	1500 V
Response time	≤ 25 ns	Standards	EN 61643-31, EN 50539-11
Voltage type	DC		

## Connection data

Type of connection	pluggable
--------------------	-----------

## Guarantee

Time interval	5 years
---------------	---------

**VPU PV I+II 0 1500 E****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Technical data****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

**Approvals**

Approvals



ROHS

Conform

**Downloads**Approval/Certificate/Document of Con-  
formity[EU Konformitätserklärung / EU Declaration of Conformity](#)

Engineering Data

[CAD data – STEP](#)

Catalogues

[Catalogues in PDF-format](#)

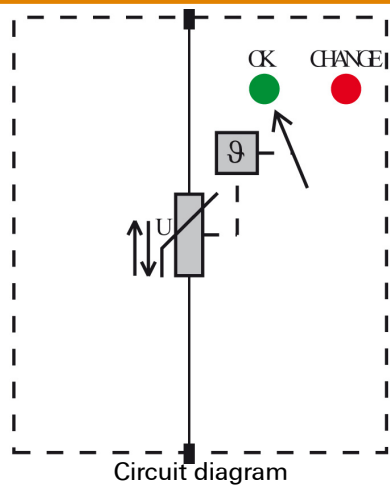
## VPU PV I+II 0 1500 E

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

[www.weidmueller.com](http://www.weidmueller.com)

# Drawings

## Electric symbol



**VPU PV I+II 0 1500 E****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Crosshead screwdriver Phillips**

VDE insulated crosshead screwdriver, for Phillips screws, SDIK PH DIN 7438, ISO 8764/2-PH, output to ISO 8764-PH, SoftFinish grip

**General ordering data**

Type	SDIK PH1 X 80	Version
Order No.	<a href="#">2749890000</a>	Screwdriver, Blade width (B): 1 mm, 80 mm, Blade thickness (A): 1
GTIN (EAN)	4050118897098	
Qty.	1 pc(s).	

**Slotted screwdriver**

VDE insulated slot-head screwdriver, SDI DIN 7437, ISO 2380/2, drive output acc. to DIN 5264, ISO 2380/1. SoftFinish grip

**General ordering data**

Type	SDIS 1.0X5.5X125	Version
Order No.	<a href="#">2749850000</a>	Screwdriver, Blade width (B): 5.5 mm, Blade length: 125 mm, Blade
GTIN (EAN)	4050118897050	thickness (A): 1 mm
Qty.	1 pc(s).	