

## VPU series

### VPU II 0 PV Y 1000V DC

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

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Germany

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#### Type II surge voltage arrester for use in photovoltaic applications

- Pluggable arrester
- Suitable for protecting DC systems
- High energy absorption with short response time
- Tested in accordance with EN 50539-11
- Suitable for use in accordance with IEC 60364-7-712 / EN 50539-12
- Coded voltage level
- Installation in distribution board
- Thermal protection function

#### General ordering data

Delivery status	<b>This article will no longer be available in the future.</b>
Available until	2022-12-31
Type	VPU II 0 PV Y 1000V DC
Order No.	<a href="#">1375440000</a>
Version	Surge voltage arrester, Low voltage, 1000 V
GTIN (EAN)	4050118192230
Qty.	1 pc(s).
Alternative product	<a href="#">2530660000</a>

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Catalogue status 17.04.2020 / We reserve the right to make technical changes.

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**Technical data****Dimensions and weights**

Width	17.8 mm	Width (inches)	0.701 inch
Height	90 mm	Height (inches)	3.543 inch
Depth	64 mm	Depth (inches)	2.52 inch
Net weight	90 g		

**Temperatures**

Operating temperature, min.	-40 °C	Storage temperature, max.	80 °C
Storage temperature, min.	-40 °C	Operating temperature	-40 °C...
Storage temperature	-40 °C...80 °C		

**General data**

Colour	orange	Design	Installation housing; 1TE, Insta IP 20
Optical function display	green = OK; red = arrester is defective - replace	Protection degree	IP20
Rail	TS 35	UL 94 flammability rating	V-0

**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	Maximum continuous operating voltage UCPV mode +/-, -/PE, +/-PE	1,000 V DC
PV system voltage, max. $U_{cpv}$	1,000 V	Protection level $U_p$ at $I_n$ (per module)	≤ 4.0 kV
Protection level $U_p$ mode (+/-, -/PE, +/-PE)	≤ 4.0 kV	Short-circuit current $I_{scpv}$	200 A
Standards	EN 50539-11		

**Connection data**

Type of connection	pluggable
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**Classifications**

ETIM 6.0	EC000941	ETIM 7.0	EC000941
eClass 9.0	27-13-08-05	eClass 9.1	27-13-08-05
eClass 10.0	27-13-08-05	UNSPSC	30-21-19-21

**Approvals**

Approvals



ROHS

Conform

**Data sheet****VPU series  
VPU II 0 PV Y 1000V DC**

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**Technical data****Downloads**

Approval/Certificate/Document of Conformity	<a href="#">EAC VPU SERIES CE PAPER</a> <a href="#">Declaration of Conformity</a> <a href="#">Declaration of Conformity</a>
Engineering Data	<a href="#">EPLAN_WSCAD</a>
User Documentation	<a href="#">Instruction sheet</a>

**Data sheet**

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**Drawings**

