

## VPU series

### VPU II 0 280V/40KA

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
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 Germany  
 Fon: +49 5231 1429-0  
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### Spare arrester Type II

Weidmüller VPU II surge protection products protect low-voltage consumer installations and electronic devices against overvoltages that can occur as a result of atmospheric discharges (thunderstorms) or switching operations (transients). The VPU II series meets the Type II and Type III requirements acc. to IEC 61643-11:2012 and Type 2 and Type 3 requirements acc. to EN 61643-11:2012. The spare arresters are coded and can only be inserted into suitable bases.

### General ordering data

Type	VPU II 0 280V/40KA
Order No.	<a href="#">1352570000</a>
Version	Low voltage, Spare arrester
GTIN (EAN)	4050118157772
Qty.	1 pc(s).

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

Width	17.8 mm	Width (inches)	0.701 inch
Height	52 mm	Height (inches)	2.047 inch
Depth	64 mm	Depth (inches)	2.52 inch
Net weight	90 g		

**Temperatures**

Humidity	5 - 95% rel. humidity	Operating temperature	-40 °C...70 °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
UL 94 flammability rating	V-0		

**Insulation coordination acc. to EN 50178**

Pollution severity	2	Surge voltage category	III
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**Rated data IEC / EN**

Combined pulse $U_{OC}$	10 kV	Discharge current $I_{max}$ (8/20 $\mu$ s) wire-PE	40 kA
Discharge current $I_n$ (8/20 $\mu$ s) wire-PE	20 kA	Frequency range, max.	60 Hz
Frequency range, min.	50 Hz	Fuse	125 A gL (if back-up fuse > 125 A)
Leakage current at $U_n$	30 $\mu$ A	Max. continuous voltage, $U_c$ (AC)	280 V
No. of poles	1	Protection level $U_p$ at $I_N$ (L/N-PE)	$\leq 1.55$ kV
Rated voltage (AC)	230 V	Requirements category acc. to IEC 61643-11	Type II, Type III
Requirements class, acc. to EN 61643-11	T2, T3	Response time	$\leq 25$ ns
Short-circuit current rating $I_{SCCR}$	25 kA	Signalling contact	No
Temporary surge voltage (over-voltage) - TOV	438 V	Voltage type	AC

**Connection data**

Type of connection	pluggable
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**Classifications**

ETIM 3.0	EC000941	ETIM 5.0	EC000510
ETIM 6.0	EC000941	UNSPSC	30-21-19-21
eClass 5.1	27-13-08-01	eClass 6.2	27-13-08-02
eClass 7.1	27-14-02-01	eClass 8.1	27-14-02-01
eClass 9.0	27-14-02-01	eClass 9.1	27-13-08-05

**Data sheet****VPU series**  
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Approvals



ROHS

Conform

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Conformity[CE PAPER](#)

Engineering Data

[EPLAN, WSCAD](#)

User Documentation

[Instruction sheet](#)

**Data sheet**

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**Drawings**

