

**VPU II 0 1000V/40KA AC****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

Similar to illustration

**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**

Version	Surge voltage arrester, Low voltage, Accessories, Spare arrester
Order No.	<a href="#">1549700000</a>
Type	VPU II 0 1000V/40KA AC
GTIN (EAN)	4050118356182
Qty.	1 pc(s).

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## Technical data

## Dimensions and weights

Depth	64 mm	Depth (inches)	2.52 inch
Height	52 mm	Height (inches)	2.047 inch
Width	17.8 mm	Width (inches)	0.701 inch
Net weight	95 g		

## Temperatures

Storage temperature	-40 °C...80 °C	Operating temperature	-40 °C...70
Humidity	5 - 95% rel. humidity		

## 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
Version	Spare arrester		

## Insulation coordination acc. to EN 50178

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

Discharge current $I_n$ (8/20μs) wire-PE	20 kA	Energy coordination (≤10 m)	Type II, Type III
Frequency range, max.	60 Hz	Frequency range, min.	50 Hz
Fuse	125 A gL > (if back up fuse > 125 A), No Fuse necessary ≤125 A gG	Leakage current at $U_n$	30 μA
Max. continuous voltage, $U_c$ (AC)	1000 V	Number of poles	1
Protection level $U_p$ at $I_N$ (L/N-PE)	≤ 3.8 kV	Rated voltage (AC)	830 V
Requirements category acc. to IEC 61643-11	Type II	Requirements class, acc. to EN 61643-11	T2
Response time	≤ 25 ns	Short-circuit current rating $I_{SCCR}$	25 kA
Standards	IEC61643-11, EN61643-11	Temporary surge voltage (over-voltage) - TOV	1,205 V
Voltage type	AC		

## Connection data

Type of connection	pluggable
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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

## Environmental Product Compliance

REACH SVHC	/
RoHS Compliance Status	Compliant without exemption

Creation date July 25, 2024 6:48:55 AM CEST

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# Technical data

### Approvals

Approvals



ROHS

Conform

### Downloads

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

Catalogues [Catalogues in PDF-format](#)

Brochures

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# Drawings

## Electric symbol

