

**VPU II O 600V/25KA****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**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="#">1352930000</a>
Type	VPU II O 600V/25KA
GTIN (EAN)	4050118157482
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	90 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

Combined pulse $U_{OC}$	10 kV	Discharge current $I_n$ (8/20 $\mu$ s) wire-PE	12.5 kA
Energy coordination ( $\leq 10$ 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 $\leq 125$ A gG
Leakage current at $U_n$	30 $\mu$ A	Max. continuous voltage, $U_c$ (AC)	600 V
Number of poles	1	Protection level $U_p$ at $I_N$ (L/N-PE)	$\leq 2.35$ kV
Rated voltage (AC)	480 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	Standards	IEC61643-11, EN61643-11
Temporary surge voltage (over-voltage) - TOV	820 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

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## Tender specification sheets

Long specification	Spare arrester consisting of V0 material for surge voltage arrester VPU II 600 V series The pluggable high-performance varistors can be exchanged by trained personnel following a failure. Rated voltage: 600 V Type: Weidmüller VPU II 0 600 V/25 kA Order No.: 1352930000	Short specification	Spare arrester for surge voltage arrester VPU II 600 V series The pluggable high-performance varistors can be swapped by trained personnel following a failure. Rated voltage: 600 V Type: Weidmüller VPU II 0 600 V/25 kA Order no.: 1352930000
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## Environmental Product Compliance

REACH SVHC

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## Approvals

Approvals



ROHS

Conform

## Downloads

Approval/Certificate/Document of Conformity

[EU\\_Konformitätserklärung / EU\\_Declaration\\_of\\_Conformity](#)

User Documentation

[Beipackzettel / Instruction sheet](#)

Catalogues

[Catalogues in PDF-format](#)

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[www.weidmueller.com](http://www.weidmueller.com)**Drawings****Electric symbol**