

## VPU AC I O 480/10

**Weidmüller Interfaces GmbH & Co. KG**

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In the event of a defective arrester, you can easily reorder this spare arrester, replace the defective arrester and thus restore protection.

### General ordering data

Version	Spare arrester, Surge protection, $U_p(L/N-PE) \leq 2.1$ kV
Order No.	<a href="#">259150000</a>
Type	VPU AC I O 480/10
GTIN (EAN)	4050118599442
Qty.	1 Stück

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## Technische Daten

### Dimensions and weights

Depth	80 mm	Depth (inches)	3.15 inch
Height	45 mm	Height (inches)	1.772 inch
Width	18 mm	Width (inches)	0.709 inch
Net weight	135 g		

### Temperatures

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

### Probability of failure

MTBF	15 a
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### Rated data UL

Rated Voltage $U_N$	400 V	MCOV (L/N-PE)	300 V
SCCR	200 kA	$I_n$	20 kA
Category	SPD TYPE 1CA	Certificate No. (cURus)	E354261
MODE	L-N, L-G	VPR (L-N)	1,500 V
VPR (L-PE)	1,500 V	Voltage type	AC

### General data

Colour	orange	Operating altitude	≤ 2000 m
Optical function display	green = OK; red = arrester is defective - replace	Protection degree	IP20 in installed state
Segment	Power distribution	UL 94 flammability rating	V-0
Version	Surge protection		

### Rated data IEC / EN

Discharge current $I_{max}$ (8/20 $\mu$ s) wire-PE	50 kA	Discharge current $I_n$ (8/20 $\mu$ s) wire-PE	20 kA
Energy coordination (≤10 m)	Type I, Type II, Type III	Frequency range, max.	60 Hz
Frequency range, min.	50 Hz	Fuse	No Fuse necessary ≤315 A gG, 250 A gG @50 kA I <sub>sc</sub> cr, 315 A gG @25 kA I <sub>sc</sub> cr
Leakage current at $U_n$	0.6 mA	Lightning test current $I_{imp}$ (10/350 $\mu$ s) (L-PE)	10 kA
Max. continuous voltage, $U_c$ (AC)	480 V	Number of poles	1
Protection level $U_p$ (typ.)	≤ 2.1 kV	Rated voltage (AC)	400 V
Requirements category acc. to IEC 61643-11	Type I, Type II	Requirements class, acc. to EN 61643-11	T1, T2
Response time	≤ 25 ns	Standards	IEC61643-11, EN61643-11, UL 1449
Voltage type	AC		

### Connection data

Type of connection	Plug-in connection	Wire cross-section, solid, min.	1.5 mm <sup>2</sup>
Wire connection cross section, finely stranded, min.	1.5 mm <sup>2</sup>		

Erstellungs-Datum June 2, 2023 11:25:38 AM CEST

Katalogstand 26.05.2023 / Technische Änderungen vorbehalten

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### Garantie

Time interval 5 years

### Classifications

ETIM 6.0	EC000941	ETIM 7.0	EC000941
ETIM 8.0	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

### Approvals

Approvals



ROHS Conform

UL File Number Search UL Website

Certificate No. (cURus) E354261

### Downloads

Approval/Certificate/Document of Conformity	<a href="#">EAC VPU SERIES</a> <a href="#">EU Konformitätserklärung / EU Declaration of Conformity</a>
Engineering Data	<a href="#">CAD data – STEP</a>
User Documentation	<a href="#">Beipackzettel / Instruction sheet</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

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Zeichnungen

Electric symbol

