

**VPU AC I O 480/10****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



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="#">2591500000</a>
Type	VPU AC I O 480/10
GTIN (EAN)	4050118599442
Qty.	1 pc(s).

Creation date April 16, 2021 4:00:52 AM CEST

Catalogue status 09.04.2021 / We reserve the right to make technical changes.

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## Technical data

### Dimensions and weights

Depth	80 mm	Depth (inches)	3.15 inch
Height	45 mm	Height (inches)	1.772 inch
Net weight	155 g	Width	18 mm
Width (inches)	0.709 inch		

### Temperatures

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

### Probability of failure

MTBF	15 Years
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### Rated data UL

Operating altitude	≤ 2000 m	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		

### Insulation coordination acc. to EN 50178

Operating altitude	≤ 2000 m
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### Rated data IEC / EN

Discharge current $I_{max}$ (8/20μs) wire-PE	50 kA	Discharge current $I_n$ (8/20μs) wire-PE	20 kA
Frequency range, max.	60 Hz	Frequency range, min.	50 Hz
Fuse	No Fuse necessary ≤315 A gG, 250 A gG @50 kA Isccr, 315 A gG @25 kA Isccr	Leakage current at $U_n$	0.6 mA
Lightning test current $I_{imp}$ (10/350 μs) (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	Voltage type	AC

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## Technical data

### Connection data

Type of connection	Plug-in connection
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### Ratings IECEx/ATEX/cUL

Certificate no. (cULus)	E354261
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### Guarantee

Time interval	5 years
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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	ECLASS 11.0	27-13-08-05

### Approvals

Approvals



ROHS	Conform
UL File Number Search	E354261

### Downloads

Approval/Certificate/Document of Conformity	<a href="#">EAC VPU SERIES</a> <a href="#">Declaration of Conformity</a> <a href="#">Declaration of Conformity</a> <a href="#">Declaration of Conformity</a>
Engineering Data	<a href="#">STEP</a>
User Documentation	<a href="#">Instruction sheet</a>
Brochure/Catalogue	<a href="#">Catalogues in PDF-format</a>

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Drawings

Electric symbol

