

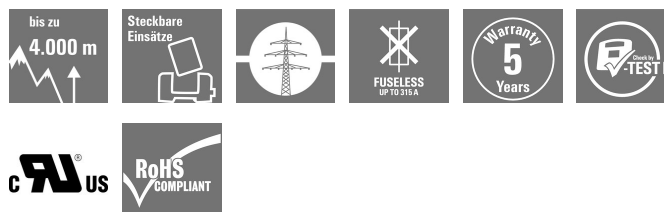
**VPU AC II O 480/50****Weidmüller Interface GmbH & Co. KG**

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, $U_p(L/N-PE) \leq 2.3$ kV
Order No.	<a href="#">2591200000</a>
Type	VPU AC II O 480/50
GTIN (EAN)	4050118599732
Qty.	1 pc(s).

## VPU AC II 0 480/50

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## Technical data

### Dimensions and weights

Depth	64 mm	Depth (inches)	2.52 inch
Height	45 mm	Height (inches)	1.772 inch
Width	18 mm	Width (inches)	0.709 inch
Net weight	74 g		

### Temperatures

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

### Rated data UL

Ambient temperature (operational), max. 85 °C		Rated Voltage $U_N$	400 V
VPR (N-PE)	1,500 V	MCOV (L/N-PE)	480 V
SCCR	200 kA	$I_n$	20 kA
Category	SPD TYPE 1CA	Ambient temperature (operational), min. -40 °C	
Certificate No. (cURus)	E354261	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
Rail	TS 35	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	Energy coordination (≤10 m)	Type II, Type III
Follow-on current extinguishing capability $I_{fi}$	Follow current need not be taken into account	Frequency range, max.	60 Hz
Frequency range, min.	50 Hz	Leakage current at $U_n$	0,3 mA
Max. continuous voltage, $U_c$ (AC)	600 V	Number of poles	1
Protection level $U_p$ (typ.)	≤ 2,3 kV	Rated voltage (AC)	400 V
Requirements category acc. to IEC 61643-11	Type II	Requirements class, acc. to EN 61643-11	T2
Response time	≤ 25 ns	Standards	IEC61643-11, EN61643-11, UL 1449
Voltage type	AC		

### 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
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
Certificate No. (cURus)	E354261
Certificate no. (cULus)	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>
Tender specification	<a href="#">Ausschreibungstext DE</a> <a href="#">Tenderspecification EN</a>
User Documentation	<a href="#">Beipackzettel / Instruction sheet</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

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Drawings

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

Electric symbol

