

VPU AC II US 3 R 480/50

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



General ordering data

Order No.	3174800000
Type	VPU AC II US 3 R 480/50
GTIN (EAN)	4099987856027
Qty.	1 items

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Technical data

Approvals

Approvals	CULUS
ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E354261

Dimensions and weights

Depth	76 mm	Depth (inches)	2.9921 inch
Height	90 mm	Height (inches)	3.5433 inch
Width	54 mm	Width (inches)	2.126 inch
Net weight	405 g		

Temperatures

Humidity	5...95 %, no condensation
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Rated data UL

Ambient temperature (operational), max. 85 °C	Rated Voltage UN	480 V
MCOV (L-PE)	SCCR	200 kA
In	Ambient temperature (operational), min. -40 °C	
MODE	VPR (L-L)	3000 V
VPR (L-PE)	UL Energy Networks	Delta System

Connection data, remote alert

Cross-section for connected wire, solid core, min.	0.25 mm ²	Cross-section for connected wire, solid core, max.	1.5 mm ²
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General data

Design	Installation housing; 3TE	UL 94 flammability rating	V-0
Protection degree	IP20	Operating altitude	≤ 4000 m

Rated data IEC / EN

Number of poles	3	Signalling contact	250 V 1A 1CO
Rated voltage (AC)	480 V	Voltage type	AC
Frequency range, max.	60 Hz	Frequency range, min.	50 Hz
Standards	IEC 61643-11, EN 61643-11, UL 1449	Requirements class, acc. to EN 61643-11	T2, T3
Max. continuous voltage, U _c (AC)	550 V	Discharge current I _n (8/20μs) wire-PE	20 kA
Discharge current I _{max} (8/20μs) wire-PE	50 kA	Protection level Up at IN (L/N-PE)	≤ 2.5 kV
Short-circuit current rating ISCCR	25 kA	Follow-on current extinguishing capability I _{fi}	Not available due for technical reasons
Integrated back-up fuse	No		

Connection data

Stripping length	18 mm	Type of connection	Screw connection
Wire cross-section, solid, min.	1.5 mm ²	Wire cross-section, solid, max.	35 mm ²
Wire connection cross section, finely stranded, max.	25 mm ²	Connection cross-section, stranded, min.	1.5 mm ²
Connection cross-section, stranded, max.	35 mm ²		

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Technical data**Electrical data**

Voltage type AC

General data

Number of poles 3 Protection degree IP20

Ratings IECEx/ATEX/cUL

Certificate no. (cULus) E354261

Classifications

ETIM 8.0	EC000941	ETIM 9.0	EC000941
ETIM 10.0	EC000941	ECLASS 14.0	27-17-12-02
ECLASS 15.0	27-17-12-02		