

VPU AC II US 0 480/50

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

www.weidmueller.com



- compact SPD to install in application by NFPA 79
- no additional overcurrent protection devices needed
- short circuit current rating (SCCR) up to 200 kA
- tested according to IEC/EN 61643-11 and UL 1449 4.Ed

General ordering data

Order No.	3174810000
Type	VPU AC II US 0 480/50
GTIN (EAN)	4099987856034
Qty.	1 items

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Technical data

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	76 g		

Temperatures

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

Ambient temperature (operational), max. 85 °C	MCOV (L-PE)	550 V	
SCCR	200 kA	In	20 kA
Ambient temperature (operational), min. -40 °C	MODE	all modes	
VPR (L-L)	3000 V	VPR (L-PE)	1800 V
UL Energy Networks	Delta System		

General data

UL 94 flammability rating	V-0	Protection degree	IP20 in installed state
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Rated data IEC / EN

Number of poles	1	Voltage type	AC
Standards	IEC 61643-11, EN 61643-11, UL 1449	Requirements class, acc. to EN 61643-11	T2, T3
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	Integrated back-up fuse	No

Connection data

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

Electrical data

Voltage type	AC
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General data

Number of poles	1	Protection degree	IP20 in installed state
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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		