

VPU series VPU AC II 0 300/50 Y

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
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

Type	VPU AC II 0 300/50 Y
Order No.	2659840000
Version	Spare arrester, Surge protection, $U_p(L/N-PE) \leq 1.5$ kV
GTIN (EAN)	4050118679403
Qty.	1 pc(s).

Creation date May 1, 2020 6:20:20 PM CEST

VPU series

VPU AC II 0 300/50 Y

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Technical data

Dimensions and weights

Width	18 mm	Width (inches)	0.709 inch
Height	45 mm	Height (inches)	1.772 inch
Depth	64 mm	Depth (inches)	2.52 inch
Net weight	54 g		

Temperatures

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

Rated data UL

Voltage type	AC	Certificate No. (cURus)	E354261
Ambient temperature (operational), min.	-40 °C	Ambient temperature (operational), max.	85 °C
Rated Voltage U_N	240 V	VPR (L-PE)	900 V
VPR (L/N-PE)	900 V	MCOV (L/N-PE)	600 Vac
SCCR	150 kA	I_n	20 kA
Category	SPD TYPE 1CA	Altitude	≤ 4000 m

General data

Altitude	≤ 4000 m	Colour	blue
Optical function display	green = ok, yellow = warning, 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

Pollution severity	2	Surge voltage category	III
--------------------	---	------------------------	-----

Rated data IEC / EN

Rated voltage (AC)	230 V	SPD type	T2
Voltage type	AC	Max. continuous voltage, U_c (N-PE)	300 V
Discharge current I_n (8/20 μ s) N-PE	25 kA	Discharge current I_{max} (8/20 μ s) N-PE	50 kA
Frequency range, max.	60 Hz	Frequency range, min.	50 Hz
Short-circuit current rating I_{SCCR}	0.1 kA	Standards	IEC61643-11, EN61643-11
Protection level U_p (typ.)	≤ 1.5 kV	Protection level U_p at I_n (N-PE)	≤ 1.5 kV
Leakage current at U_n	0.3 mA	Temporary surge voltage (over-voltage) - TOV	1,200 V
Requirements category acc. to IEC 61643-11	Type II	Requirements class, acc. to EN 61643-11	T2
Response time	≤ 100 ns		

Connection data

Type of connection	Plug-in connection
--------------------	--------------------

Data sheet

VPU series
VPU AC II 0 300/50 Y

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Technical data

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		

Approvals

Approvals



ROHS Conform

Downloads

Approval/Certificate/Document of Conformity	EAC VPU SERIES Declaration of Conformity
User Documentation	Instruction sheet

Data sheet

VPU series
VPU AC II 0 300/50 Y

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Drawings

Electric symbol

