

VPU AC II+III 0 L3-PEN 275/20 S**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**General ordering data**

Version	Surge voltage arrester, Low voltage, Spare arrester, TN-S, TT
Order No.	2907980000
Type	VPU AC II+III 0 L3-PEN 275/20 S
GTIN (EAN)	4099986190139
Qty.	1 pc(s).

VPU AC II+III 0 L3-PEN 275/20 S

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Depth	54 mm	Depth (inches)	2.126 inch
Height	45.3 mm	Height (inches)	1.783 inch
Width	18 mm	Width (inches)	0.709 inch
Net weight	56 g		

Temperatures

Operating temperature	-40 °C...85 °C
-----------------------	----------------

General data

Number of poles	1	Protection degree	IP20 in installed state
Colour	grey		

Insulation coordination acc. to EN 50178

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

Rated data IEC / EN

Combined pulse U_{OC}	6 kV	Discharge current (type III)	3 kA
Discharge current I_{max} (8/20µs) wire-PE	20 kA	Discharge current I_n (8/20µs) wire-PE	10 kA
Frequency range, max.	60 Hz	Frequency range, min.	50 Hz
Fuse	No Fuse necessary ≤ 100 A gG	Integrated back-up fuse	No
Low voltage network	TN-S, TT	Max. continuous voltage, U_c (AC)	275 V
Number of poles	1	Protection level U_p at I_N (L/N-PE)	≤ 1.25 kV
Rated voltage (AC)	230 V	Requirements category acc. to IEC 61643-11	Type II, Type III
Requirements class, acc. to EN 61643-11	T2, T3	Response time	≤ 25 ns
Short-circuit current rating I_{SCCR}	25 kA	Signalling contact	No
Standards	IEC 61643-11, EN 61643-11	Temporary surge voltage (over-voltage) - TOV	335 V
Voltage type	AC	Protection level U_p at I_N (L-PE) (type III)	≤ 1 kV

Connection data

Wire connection method	Screw connection	Type of connection	Screw connection
Stripping length, rated connection	15 mm	Wire cross-section, solid, min.	2.5 mm ²
Wire cross-section, solid, max.	10 mm ²	Wire connection cross section, finely stranded, min.	2.5 mm ²
Wire connection cross section, finely stranded, max.	6 mm ²	Connection cross-section, stranded, min.	2.5 mm ²
Connection cross-section, stranded, max.	10 mm ²		

Electrical data

Voltage type	AC
--------------	----

Guarantee

Time interval	5 years
---------------	---------

VPU AC II+III 0 L3-PEN 275/20 S

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Classifications

ETIM 6.0	EC000941	ETIM 7.0	EC000941
ETIM 8.0	EC000941	ETIM 9.0	EC000941
ETIM 10.0	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
ECLASS 13.0	27-17-90-90	ECLASS 14.0	27-17-90-90
ECLASS 15.0	27-17-90-90		

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Important note

Product information	For use in DC applications, please use the fuse of SIBA Type NH2XL aR/aSF DC 1500 V
---------------------	---

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/
ROHS	Conform

Downloads

Approval/Certificate/Document of Conformity	EU Konformitätserklärung / EU Declaration of Conformity
Tender specification	Ausschreibungstext DE
User Documentation	Beipackzettel / Instruction Sheet
Catalogues	Catalogues in PDF-format

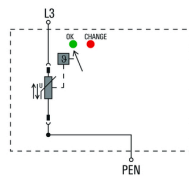
VPU AC II+III 0 L3-PEN 275/20 S

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

www.weidmueller.com

Drawings

Electric symbol



Schematic circuit diagram

VPU AC II+III 0 L3-PEN 275/20 S**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Accessories****Crosshead screwdriver Phillips**

VDE insulated crosshead screwdriver, for Phillips screws, SDIK PH DIN 7438, ISO 8764/2-PH, output to ISO 8764-PH, SoftFinish grip

General ordering data

Type	SDIK PHO X 60	Version
Order No.	2749880000	Screwdriver, Blade width (B): 0 mm, 60 mm, Blade thickness (A): 0
GTIN (EAN)	4050118897081	
Qty.	1 pc(s).	