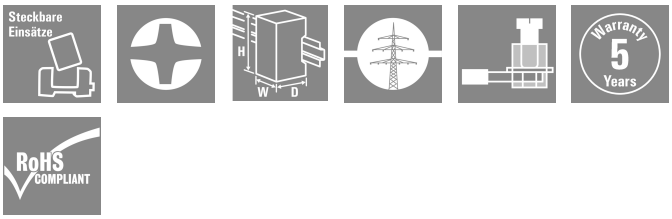
Data sheet

VPU AC II+III 3 275/40 S

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

www.weidmueller.com





General ordering data

Version	Surge voltage arrester, Low voltage, TN-C
Order No.	2907700000
Type	VPU AC II+III 3 275/40 S
GTIN (EAN)	4099986182387
Qty.	1 items

Data sheet

VPU AC II+III 3 275/40 S

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

www.weidmueller.com

Technical data

Approvals

Approvals	
ROHS	Conform

Dimensions and weights

Depth	70 mm	Depth (inches)	2.7559 inch
Height	99 mm	Height (inches)	3.8976 inch
Width	36 mm	Width (inches)	1.4173 inch
Net weight	243 g		

Temperatures

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

Environmental Product Compliance

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

Connection data, remote alert

Connection type	Screw connection

General data

Optical function display	green = OK; red = arrester is defective - replace	Segment	Power distribution
Design	Installation housing; 2TE, Insta IP 20	UL 94 flammability rating	V-0
Colour	grey	Protection degree	IP20 in installed state
Mounting rail	TS 35	Operating altitude	≤ 2000 m

Insulation coordination acc. to EN 50178

Surge voltage category	III	Pollution severity	2

Rated data IEC / EN

Number of poles	2	Combined pulse UOC	6 kV
Signalling contact	No	Rated voltage (AC)	230 V
Low voltage network	TN-C	Voltage type	AC
Temporary surge voltage (over-voltage) - TOV	335 V	Fuse protection	No Fuse neccessary ≤100 A gG
Response time / fallback time	≤ 25 ns	Frequency range, max.	60 Hz
Frequency range, min.	50 Hz	Standards	IEC 61643-11, EN 61643-11
Requirements class, acc. to EN 61643-11	T2, T3	Requirements category acc. to IEC 61643-11	Type II, Type III
Max. continuous voltage, Uc (AC)	275 V	Discharge current In (8/20µs) wire-PE	20 kA
Discharge current Imax (8/20µs) wire-PE	40 kA	Protection level Up at IN (L/N-PE)	≤ 1.5 kV
Short-circuit current rating ISCCR	25 kA	Discharge current (type III)	3 kA
Integrated back-up fuse	No	Protection level Up at IN (L-PE) (type III)	≤1 kV

Data sheet

VPU AC II+III 3 275/40 S

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

www.weidmueller.com

Technical data

Connection data

Stripping length	15 mm	Conductor connection cross-section PE, stranded, max.	35 mm²
Conductor connection cross-section PE, solid, max.	35 mm²	Wire connection method	Screw connection
Type of connection	Screw connection	Stripping length, rated connection	15 mm
Tightening torque, max.	1.2 Nm	Wire cross-section, solid, min.	2.5 mm²
Wire cross-section, solid, max.	10 mm²	Wire connection cross section, finely stranded, min.	2.5 mm²
Wire connection cross section, finely stranded, max.	25 mm²	Connection cross-section, stranded, min.	2.5 mm²
Connection cross-section, stranded, max.	10 mm²		

Electrical data

Voltage type	AC

General data

Number of poles	2	Protection degree	IP20 in installed state
Colour	grey		

Guarantee

Time interval	5 years

Important note

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

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		

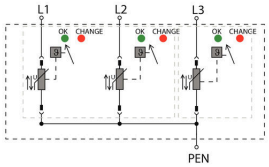
VPU AC II+III 3 275/40 S

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

www.weidmueller.com

Drawings

Electric symbol



Schematic circuit diagram