

VPU AC I O 275/25 LCF S**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

Abb.ähnlich

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

Version	Spare arrester, Leakage-current-free, Surge protection, $U_p(L/N-PE) \leq 1.5 \text{ kV}$
Order No.	2730860000
Type	VPU AC I O 275/25 LCF S
GTIN (EAN)	4050118808025
Qty.	1 pc(s).

VPU AC I 0 275/25 LCF S

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Depth	80 mm	Depth (inches)	3.15 inch
Height	45 mm	Height (inches)	1.772 inch
Width	18 mm	Width (inches)	0.709 inch
Net weight	105 g		

Temperatures

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

Probability of failure

MTBF	15 a
------	------

General data

Colour	orange	Design	Installation housing; 1TE
Operating altitude	≤ 4000 m	Optical function display	green = OK; red = arrester is defective - replace
Protection degree	IP20 in installed state	UL 94 flammability rating	V-0
Version	Leakage-current-free, Surge protection		

Rated data IEC / EN

Discharge current I_{\max} (8/20μs) wire-PE	65 kA	Discharge current I_n (8/20μs) wire-PE	25 kA
Energy coordination (≤10 m)	Type I, Type II, Type III	Follow-on current extinguishing capability I_{fi}	50 kA
Frequency range, max.	60 Hz	Frequency range, min.	50 Hz
Fuse	No Fuse necessary ≤315 A gL	Leakage current at U_n	1 μA
Lightning test current I_{imp} (10/350 μs) (L-PE)	25 kA	Mains voltage	240 V
Max. continuous voltage, U_c (AC)	275 V	Note follow current capability	No tripping of a 16 A gG fuse up to prospective 50 kA _{eff}
Number of poles	1	Protection level U_p (typ.)	≤ 1.5 kV
Rated voltage (AC)	240 V	Requirements category acc. to IEC 61643-11	Type I, Type II
Requirements class, acc. to EN 61643-11	T1, T2	Response time	<100 ns
Short-circuit current rating I_{SCCR}	50 kA	Standards	IEC61643-11, EN61643-11, UL 1449
Temporary surge voltage (over-voltage) - TOV	442 V	Voltage type	AC

Connection data

Wire connection method	Plug-in connection
------------------------	--------------------

Guarantee

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

VPU AC I 0 275/25 LCF 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
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

Environmental Product Compliance

REACH SVHC

/

Approvals

Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of Conformity

[EU_Konformitätserklärung / EU_Declaration_of_Conformity](#)

Engineering Data

[CAD data – STEP](#)

User Documentation

[Beipackzettel / Instruction sheet](#)

Catalogues

[Catalogues in PDF-format](#)

VPU AC I 0 275/25 LCF S

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

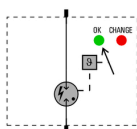
D-32758 Detmold

Germany

www.weidmueller.com

Drawings

Electric symbol



Schematic circuit diagram

VPU AC I 0 275/25 LCF S**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Accessories****Slotted screwdriver**

VDE insulated slot-head screwdriver, SDI DIN 7437, ISO 2380/2, drive output acc. to DIN 5264, ISO 2380/1. SoftFinish grip

General ordering data

Type	SDIS 1.0X5.5X125	Version
Order No.	2749850000	Screwdriver, Blade width (B): 5.5 mm, Blade length: 125 mm, Blade
GTIN (EAN)	4050118897050	thickness (A): 1 mm
Qty.	1 pc(s).	

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 PH1 X 80	Version
Order No.	2749890000	Screwdriver, Blade width (B): 1 mm, 80 mm, Blade thickness (A): 1
GTIN (EAN)	4050118897098	
Qty.	1 pc(s).	