

## VPU AC I O 275/25 LCF 2PE

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

[www.weidmueller.com](http://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

Version	Spare arrester, Leakage-current-free, Surge protection
Order No.	<a href="#">2730840000</a>
Type	VPU AC I O 275/25 LCF 2PE
GTIN (EAN)	4050118808001
Qty.	1 items

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## Technical data

## Approvals

Approvals



ROHS Conform

## Dimensions and weights

Depth	80 mm	Depth (inches)	3.1496 inch
Height	45 mm	Height (inches)	1.7716 inch
Width	18 mm	Width (inches)	0.7087 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

## Environmental Product Compliance

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

## General data

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

## Rated data IEC / EN

Number of poles	1	Leakage current at Un	1 µA
Rated voltage (AC)	240 V	Voltage type	AC
Temporary surge voltage (over-voltage) - TOV	442 V	Response time / fallback time	<100 ns
Frequency range, max.	60 Hz	Frequency range, min.	50 Hz
Standards	IEC61643-11, EN61643-11, UL 1449	Lightning test current limp (10/350 µs) (L-PE)	25 kA
Requirements class, acc. to EN 61643-11	T1, T2	Requirements category acc. to IEC 61643-11	Type I, Type II
Max. continuous voltage, U <sub>c</sub> (AC)	275 V	Note follow current capability	No tripping of a 16 A gG fuse up to prospective 50 kA <sub>eff</sub>
Mains voltage	240 V	Energy coordination (≤10 m)	Type I, Type II, Type III
Discharge current I <sub>n</sub> (8/20µs) wire-PE	25 kA	Discharge current I <sub>max</sub> (8/20µs) wire-PE	65 kA
Protection level Up at IN (L/N-PE)	≤ 1.5 kV	Short-circuit current rating ISCCR	50 kA
Follow-on current extinguishing capability I <sub>fi</sub>	50 kA	Integrated back-up fuse	No

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### Connection data

Wire connection method	Plug-in connection	Wire cross-section, solid, max.	35 mm <sup>2</sup>
Wire connection cross section, finely stranded, max.	25 mm <sup>2</sup>		

### Electrical data

Voltage type	AC
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### General data

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

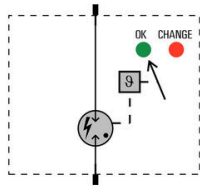
### Guarantee

Time interval	5 years
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### Classifications

ETIM 8.0	EC001457	ETIM 9.0	EC001457
ETIM 10.0	EC001457	ECLASS 14.0	27-17-12-04
ECLASS 15.0	27-17-12-04		

Electric symbol



Schematic circuit diagram