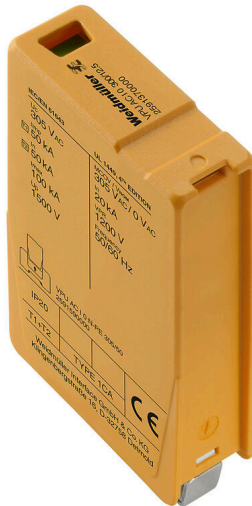


## VPU AC I O 300/12.5

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

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, Surge protection
Order No.	<a href="#">2591370000</a>
Type	VPU AC I O 300/12.5
GTIN (EAN)	4050118599565
Qty.	1 items
Available until	2026-06-01T00:00:00+02:00
Alternative product	<a href="#">VPU AC I O 300/12.5 LH</a>

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## Technical data

### Approvals

Approvals



ROHS	Conform
UL File Number Search	<a href="#">UL Website</a>
Certificate No. (cURus)	E3542610000

### 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	104 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
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### Environmental Product Compliance

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

### Rated data UL

Rated Voltage UN	240 V	MCOV (L/N-PE)	300 V
SCCR	150 kA	In	20 kA
Category	SPD TYPE 1CA	Certificate No. (cURus)	E3542610000
MODE	L-N, L-G	VPR (L-N)	900 V
VPR (L-PE)	900 V	Voltage type	AC

### General data

Optical function display	green = OK; red = arrester is defective - replace	Segment	Power distribution
Version	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	0.6 mA
Signalling contact	No	Rated voltage (AC)	230 V
Voltage type	AC	Response time / fallback time	≤ 25 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)	12.5 kA
Requirements class, acc. to EN 61643-11	T1, T2	Requirements category acc. to IEC 61643-11	Type I, Type II

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Max. continuous voltage, U <sub>c</sub> (AC)	300 V	Mains voltage	240 V
Energy coordination (≤10 m)	Type I, Type II, Type III	Discharge current I <sub>n</sub> (8/20μs) wire-PE	20 kA
Discharge current I <sub>max</sub> (8/20μs) wire-PE	50 kA	Protection level Up at IN (L/N-PE)	≤ 1.5 kV
Integrated back-up fuse	No		

### Connection data

Type of connection	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