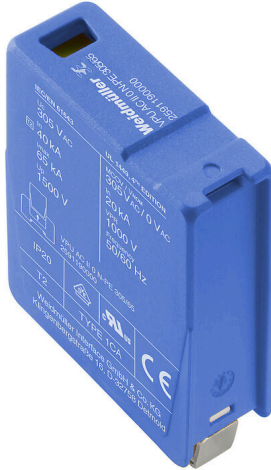


**VPU AC II 0 N-PE 305/65**

**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, TT nur für N-PE
Order No.	<a href="#">2591190000</a>
Type	VPU AC II 0 N-PE 305/65
GTIN (EAN)	4050118599749
Qty.	1 items

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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	64 mm	Depth (inches)	2.5197 inch
Height	45 mm	Height (inches)	1.7716 inch
Width	18 mm	Width (inches)	0.7087 inch
Net weight	42 g		

## Temperatures

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

## Environmental Product Compliance

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

## Rated data UL

Ambient temperature (operational), max. 85 °C	Rated Voltage UN	240 V
VPR (N-PE)	MCOV (N-PE)	305 V
In	Category	SPD TYPE 1CA
Ambient temperature (operational), min. -40 °C	Certificate No. (cURus)	E3542610000
Voltage type		AC

## Connection data, remote alert

Connection type	PUSH IN
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## 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	blue
Protection degree	IP20 in installed state	Operating altitude	≤ 4000 m

## Insulation coordination acc. to EN 50178

Surge voltage category	III	Pollution severity	2
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## Rated data IEC / EN

Number of poles	1	Combined pulse UOC	6 kV
Leakage current at Un	0.1 µA	Signalling contact	No
Rated voltage (AC)	230 V	Low voltage network	TT nur für N-PE
Protection level Up at IN (N-PE)	≤ 1.5 kV	Voltage type	AC

Creation date 24.02.2026 11:32:16 MEZ

Catalogue status / Drawings

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### Technical data

Temporary surge voltage (over-voltage) - 337 V TOV		Fuse protection	100 A gL, No Fuse necessary ≤315 A gG
Response time / fallback time	≤ 100 ns	Frequency range, max.	60 Hz
Frequency range, min.	50 Hz	Standards	IEC61643-11, EN61643-11, UL 1449, 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, U <sub>c</sub> (N-PE)	305 V	Discharge current I <sub>max</sub> (8/20μs) N-PE	65 kA
Discharge current I <sub>n</sub> (8/20μs) N-PE	40 kA	Energy coordination (≤10 m)	Type II, Type III
Discharge current I <sub>n</sub> (8/20μs) wire-PE	40 kA	Discharge current I <sub>max</sub> (8/20μs) wire-PE	65 kA
SPD type	T2, T3	Discharge current (type III)	3 kA
Integrated back-up fuse	No		

### Connection data

Stripping length	18 mm	Type of connection	Plug-in connection, Screw connection
Wire cross-section, solid, min.	1.5 mm <sup>2</sup>	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	blue		

### Guarantee

Time interval	5 years
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### Important note

Product information	Only applicable to IT power systems where the earth on the distribution transformer is interconnected with the earth on the consumer side (RE=RA in Figure 44.A1 of IEC 60634-4-44:2018).
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### 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		

**Electric symbol**



PE

Schematic circuit diagram