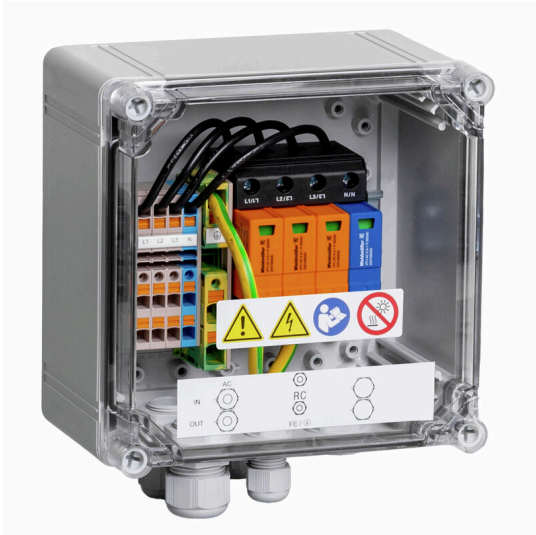


**AC P 1I 10 SPD2R 4-6**

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

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

**General ordering data**

Version	Surge protection, AC voltage version, Auxiliary and alarm contact, Surge protection II
Order No.	<a href="#">3180300000</a>
Type	AC P 1I 10 SPD2R 4-6
GTIN (EAN)	4099987899901
Qty.	1 items

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## Technical data

### Approvals

Approvals



ROHS

Conform

### Dimensions and weights

Depth	132 mm	Depth (inches)	5.1968 inch
Height	200 mm	Height (inches)	7.874 inch
Width	200 mm	Width (inches)	7.874 inch
Net weight	9999 g		

### Temperatures

Ambient temperature	-40 °C...50 °C	Humidity	0...85% rel. humidity, no condensation
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### Rated data IEC / EN

Number of poles	4	Combined pulse UOC	6 kV
Leakage current at Un	1 µA	Signalling contact	250 V 1A 1CO
Rated voltage (AC)	230 V	Low voltage network	TN-C-S, TN-S, IT with N, IT without N, TT
Protection level Up at IN (N-PE)	≤ 1.5 kV	Voltage type	AC
Temporary surge voltage (over-voltage) - TOV	337 V	Fuse protection	No Fuse necessary ≤315 A gG, 250 A gG @50 kA Isccr, 315 A gG @25 kA Isccr
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)	300 V	Max. continuous voltage, Uc (N-PE)	305 V
Mains voltage	230 V / 400 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	20 kA	Acoustic signal	No
Discharge current I <sub>max</sub> (8/20µs) wire-PE	50 kA	SPD type	T2, T3
Protection level Up at IN (L/N-PE)	≤ 1.5 kV	Short-circuit current rating ISCCR	50 kA
Discharge current (type III)	3 kA	Follow-on current extinguishing capability I <sub>fi</sub>	Follow current need not be taken into account
Integrated back-up fuse	No		

### Included in delivery

Included accessories	Article	Mounting foot
	Quantity	4
	Article	Sealing plug
	Quantity	2

### Guarantee

Time interval	5 years
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**Technical data****General data**

Standards	IEC 61643-11, EN 61643-11	Protection degree	IP65
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**Classifications**

ETIM 8.0	EC000941	ETIM 9.0	EC000941
ETIM 10.0	EC000941	ECLASS 14.0	27-17-90-90
ECLASS 15.0	27-17-90-90		

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**Drawings**

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