

## AC P 1I 10 SPD1R 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 I / II, 6mm <sup>2</sup>
Order No.	<a href="#">3169000000</a>
Type	AC P 1I 10 SPD1R 4-6
GTIN (EAN)	4099987827430
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	Leakage current at Un	6 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
Protection level, UP wire - wire	1500 V	Protection level, UP wire - PE	1500 V
Voltage type	AC	Temporary surge voltage (over-voltage) - TOV	337 V
Fuse protection	No	Response time / fallback time	≤ 25 ns
Frequency range, max.	60 Hz	Frequency range, min.	50 Hz
Standards	IEC 61643-11, EN 61643-11	Lightning test current limp (10/350 µs)	12.5 kA
Lightning test current, limp (10/350 µs) (N-PE)	50 kA	Requirements class, acc. to EN 61643-11	T1, T2
Requirements category acc. to IEC 61643-11	Type I, Type II	Max. continuous voltage, Uc (AC)	305 V
Mains voltage	230 V / 400 V	Discharge current Imax (8/20µs) N-PE	100 kA
Discharge current In (8/20µs) N-PE	40 kA	Discharge current In (8/20µs) wire-PE	20 kA
Acoustic signal	No	Discharge current Imax (8/20µs) wire-PE	50 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>	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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### 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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