



ADC313T

**RCBO Electronic 1P 6kA C-13A 30mA A Class 1M**

**Technical properties**

**Architecture**

Type of pole	1P
Curve	C

**Electric current**

Rated current	13 A
Rated residual operating current I <sub>dn</sub>	30 mA
Rated current -25°C	18,31 A
Rated current at -20°C	17,87 A
Rated current -15°C	17,43 A
Rated current -10°C	17,14 A
Rated current -5°C	16,55 A
Rated current at 0°C	16,11 A
Rated current 5°C	15,66 A
Rated current 10°C	15,22 A
Rated current 15°C	14,78 A
Rated current at 20°C	14,34 A
Rated current 25°C	13,90 A
Rated current 30°C	13 A
Rated current 35°C	13,02 A
Rated current at 40°C	12,58 A
Rated current at 50°C	12 A
Rated current 55°C	11,25 A
Rated current 60°C	10,81 A
Correction factor of rating current for 2 devices placed side by side	0,95
Correction factor of rating current for 3 devices placed side by side	0,95
Correction factor of rating current for 4 and 5 devices placed side by side	0,90
Correction factor of rating current for 6 devices placed side by side	0,85
Min./max. threshold value of the AC thermal operation	1,13 - 1,45 A

**Safety**

Residual current type	A
Ingress Protection (IP) class	IP20

**Main electrical attributes**

### Voltage

Rated insulation voltage Ui	250 V
Rated impulse withstand voltage Uimp	4000 V
Max. operating voltage	253 V
Rated operational voltage Ue	240 - 240 V
Overtoltage category according to IEC 60947-1	3

### Power

Total power loss under IN	3,74 W
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### Frequency

Frequency	50 - 50 Hz
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### Use conditions

Max. Altitude	2000 m
Class of energy limitation I <sup>2</sup> t	3
Operating temperature	-20 - 70 °C
Storage/transport temperature	-25 - 80 °C

### Endurance

Electric endurance in number of cycles	8000
Number of mechanical operations	20000

### Connection

Cross-section of input with screws, for flexible conductors	1 - 10 mm <sup>2</sup>
Cross-section of input with screws, for massive conductors	1 - 16 mm <sup>2</sup>

### Installation, mounting

Type of top connection for modular devices	Screw terminal
Type of bottom connection for modular devices	Screw terminal

### Capacity

Number of modules	1
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### Dimensions

Height	92 mm
Width	17,70 mm
Depth	70 mm

### Compatibility

Suitable for DIN Rail	Yes
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