



ACC916T

**RCBO 1M 1P+N 6kA C-16A 10mA A**

**Technical properties**

**Architecture**

Type of pole	1P+N
Curve	C

**Electric current**

Rated current	16 A
Rated residual operating current I <sub>dn</sub>	10 mA
Rated current -25°C	20,50 A
Rated current at -20°C	20,10 A
Rated current -15°C	19,70 A
Rated current -10°C	19,30 A
Rated current -5°C	18,90 A
Rated current at 0°C	18,50 A
Rated current 5°C	18,10 A
Rated current 10°C	17,60 A
Rated current 15°C	17,20 A
Rated current at 20°C	16,80 A
Rated current 25°C	16,40 A
Rated current 30°C	16 A
Rated current 35°C	15,70 A
Rated current at 40°C	15,50 A
Rated current at 50°C	15 A
Rated current 55°C	14,70 A
Rated current 60°C	14,50 A
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**

Rated short-circuit breaking capacity I <sub>cn</sub> AC according to IEC 60898-1	6 kA
---	------

**Voltage**

Rated insulation voltage U <sub>i</sub>	440 V
Rated impulse withstand voltage U <sub>imp</sub>	4000 V
Max. operating voltage	264 V
Rated operational voltage U <sub>e</sub>	230 - 240 V

### Power

Total power loss under IN	8,69 W
---------------------------	--------

### Frequency

Frequency	50 - 50 Hz
-----------	------------

### Use conditions

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

### Endurance

Electric endurance in number of cycles	10000
--	-------

### 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>
Cross-section of input and output with screws, for flexible conductors	1 - 10 mm <sup>2</sup>
Cross-section of input and output 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	biconnect

### Capacity

Number of modules	1
-------------------	---

### Dimensions

Height	85 mm
Width	17,70 mm
Depth	70 mm

### Compatibility

Suitable for DIN Rail	Yes
-----------------------	-----