



ACC925T

**RCBO 1M 1P+N 6kA C-25A 10mA A**

**Technical properties**

**Architecture**

|              |      |
|--------------|------|
| Type of pole | 1P+N |
| Curve        | C    |

**Electric current**

|   |               |
|---|---------------|
| Rated current   | 25 A          |
| Rated residual operating current I <sub>dn</sub>      | 10 mA         |
| Rated current -25°C                                   | 32,40 A       |
| Rated current at -20°C                                | 31,70 A       |
| Rated current -15°C                                   | 31,10 A       |
| Rated current -10°C                                   | 30,40 A       |
| Rated current -5°C                                    | 29,70 A       |
| Rated current at 0°C                                  | 29 A          |
| Rated current 5°C                                     | 28,40 A       |
| Rated current 10°C                                    | 27,70 A       |
| Rated current 15°C                                    | 27 A          |
| Rated current at 20°C                                 | 26,30 A       |
| Rated current 25°C                                    | 25,70 A       |
| Rated current 30°C                                    | 25 A          |
| Rated current 35°C                                    | 24,30 A       |
| Rated current at 40°C                                 | 23,70 A       |
| Rated current at 50°C                                 | 22,30 A       |
| Rated current 55°C                                    | 21,60 A       |
| Rated current 60°C                                    | 21 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 | 11,38 W |
|---------------------------|---------|

### Frequency

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

### Use conditions

|   |             |
|---|-------------|
| Max. 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 |
|-----------------------|-----|