



ADA990U

RCBO 1P+N 6kA C-40A 30mA A Class

Technical characteristics

Architecture

| | |
|------------------|-------|
| Neutral position | right |
| Number of poles | 2 P |
| Type of pole | 1P+N |
| Curve | C |

Main electrical features

| | |
|------------------------------|-------|
| Rated operational voltage Ue | 240 V |
| Frequency | 50 Hz |

Voltage

| | |
|---------------------------------|--------|
| Rated insulation voltage | 500 V |
| Max operating voltage | 240 V |
| Rated impulse withstand voltage | 4000 V |

Electric current

| | |
|---|-------|
| Rated residual operating current | 30 mA |
| Rated short circuit breaking capacity I _{cn} under 230V AC according IEC60898-1 | 6 kA |

Electric current / temperature

| | |
|---------------------|------|
| Rating current 30°C | 40 A |
|---------------------|------|

Dimensions

| | |
|-----------------------------|-------|
| Depth of installed product | 68 mm |
| Height of installed product | 83 mm |
| Width of installed product | 35 mm |

Power

| | |
|---------------------------------------|--------|
| Total power loss under I _N | 11.1 W |
|---------------------------------------|--------|

Tripping

| | |
|-----------------------------|----|
| Short-time delayed tripping | No |
|-----------------------------|----|

Endurance

| | |
|--|------|
| Electric endurance in number of cycles | 2000 |
| Number of mechanical operations | 1000 |

Installation, mounting

| | |
|-------------------|-------|
| Tightening torque | 2,1Nm |
|-------------------|-------|

Connection

| | |
|---|-----------------------|
| Connection cross-sect. flexible conductor | 1 / 16mm ² |
| Connection cross-sect. rigid cable | 1 / 25mm ² |
| Type of connection | with screw |

Standards

| | |
|---------------|-------------|
| Standard text | IEC 61009-1 |
|---------------|-------------|

Safety

| | |
|-----------------------|---|
| Residual current type | A |
|-----------------------|---|

Use conditions

| | |
|-----------------------|-------------|
| Operating temperature | -25...40 °C |
|-----------------------|-------------|