



## RCCB 4P 40A 30mA A

CDA440T

### Architecture

Neutral position	right
Number of poles	4 P
Fixing mode	Din-Rail

### Main electrical features

Frequency	50 Hz
Rated operational voltage Ue	230/400 V

### Voltage

Rated insulation voltage	500 V
Rated impulse withstand voltage	4000 V

### Electric current

Rated residual operating current	30 mA
Withstand not tripping on 8-20 $\mu$ s wave	0,25 kA
Breaking and opening capacity	1,5 kA
Rated conditional short-circuit current Inc according to EN 61008-1	6 kA

### Electric current / temperature

Rating current -15°C	40 A
Rating current -20°C	40 A
Rating current 0°C	40 A
Rating current 10°C	40 A
Rating current -10°C	40 A
Rating current 15°C	40 A
Rating current 20°C	40 A
Rating current 25°C	40 A
Rating current -25°C	40 A
Rating current 30°C	40 A
Rating current 35°C	40 A
Rating current 40°C	40 A
Rating current 45°C	40 A
Rating current 5°C	40 A
Rating current -5°C	40 A
Rating current 50°C	40 A
Rating current 55°C	40 A

Technical Properties

Rating current 60°C	40 A
Rating current 65°C	40 A
Rating current 70°C	40 A

**Power**

Power loss per pole at In	2,3 W
Total power loss under IN	6,5 W

**Tripping**

Short-time delayed tripping	no
Protected against nuisance tripping	no

**Endurance**

Electric endurance in number of cycles	2000
Number of mechanical operations	4000

**Dimensions**

Depth of installed product	70 mm
Height of installed product	83 mm
Width of installed product	70 mm
Construction size (DIN 43880)	1

**Installation, mounting**

Tightening torque	2,8Nm
Type of bottom rail clip for modular devices	plastic
Type of top rail clip for modular devices	NA
Bottom removability for modular devices	yes
Top removability for modular devices	no

**Connection**

Connection cross-section of the access with screws, with flexible conductor	1/16 mm <sup>2</sup>
Connection cross-section at output with screw, for massive conductor	1/25 mm <sup>2</sup>
Connection cross-section for rigid conductor, upstream terminals with screws	1/25 mm <sup>2</sup>
Connection cross-sect. rigid cable	25mm <sup>2</sup>
Connection cross-sect. flexible conductor	16mm <sup>2</sup>
Type of connection	with screw
Connection cross section of access and exit with screws, for flexible conductor	1/16 mm <sup>2</sup>

**Standards**

Standard text	IEC 61008-1, AS/NZS 61008-1
European directive WEEE	not concerned

**Safety**

Protection index IP	IP20
Residual current type	A

**Use conditions**

Degree of pollution according to IEC 60664 / IEC 60947-2	2
Operating temperature	-25 40 °C
Altitude	2000 m
Storage temperature	-55 to 70 °C
Storage/transport temperature	-55 70 °C