



CD241J

RCCB 2P 40A 30mA AC Class

Technical properties

Architecture

Neutral position	right
Number of poles	2 P
Type of pole	1P+N
Fixing mode	DIN rail type O (symmetrical)

Configuration

Number of modules	2
-------------------	---

Main electrical features

Rated operational voltage U_e	230 V
Type of supply voltage	AC
Frequency	50 Hz

Voltage

Rated insulation voltage	500 V
Max operating voltage	253 V
Rated impulse withstand voltage	4000 V

Electric current

Rated residual operating current	30 mA
Rated current	40 A
Withstand not tripping on 8-20 μ s wave	0.25 kA
Breaking and opening capacity	1.5 kA
Rated conditional short-circuit current I_{nc} according to EN 61008-1	6 kA

Electric current / temperature

Rating current -25°C	40 A
Rating current -20°C	40 A
Rating current -15°C	40 A
Rating current -10°C	40 A
Rating current -5°C	40 A
Rating current 0°C	40 A
Rating current 5°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 30°C	40 A

Rating current 35°C	40 A
Rating current 40°C	40 A
Rating current 45°C	38 A
Rating current 50°C	37 A
Rating current 55°C	34 A
Rating current 60°C	30 A
Rating current 65°C	26 A
Rating current 70°C	21 A

Dimensions

Depth of installed product	70 mm
Height of installed product	83 mm
Width of installed product	35 mm
Construction size (DIN 43880)	1

Frequency

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

Power

Total power loss under IN	6.24 W
---------------------------	--------

Tripping

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

Endurance

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

Installation, mounting

Tightening torque	2,8Nm
Type of top rail clip for modular devices	NA
Type of bottom rail clip for modular devices	metallic

Connection

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

Equipment

Type selective	No
----------------	----

Standards

Standard text	IEC 61008-1 ; EN 61008-1
European directive WEEE	concerned

Safety

Protection index IP	IP20
Residual current type	AC
REACH conform	No
RoHS conform	Yes

Halogen free

No

Use conditions

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