CD426J

RCCB 4P 25A 30mA AC Class

Technical properties

Architecture

Neutral position	right
Number of poles	4 P
Fixing mode	DIN rail type O (symmetrical)

Functions

Concurrently switching N-neutral	Yes

Configuration

Number of modules	4

Main electrical features

Rated operational voltage Ue	230 / 400 V
Frequency	50 Hz

Voltage

Rated insulation voltage	500 V
Rated impulse withstand voltage	4000 V

Electric current

Rated residual operating current	30 mA
Rated current	25 A
Withstand not tripping on 8-20 µs 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 -25°C	25 A
Rating current -20°C	25 A
Rating current -15°C	25 A
Rating current -10°C	25 A
Rating current -5°C	25 A
Rating current 0°C	25 A
Rating current 5°C	25 A
Rating current 10°C	25 A
Rating current 15°C	25 A
Rating current 20°C	25 A
Rating current 25°C	25 A
Rating current 30°C	25 A

Rating current 35°C	25 A
Rating current 40°C	25 A
Rating current 45°C	25 A
Rating current 50°C	25 A
Rating current 55°C	25 A
Rating current 60°C	25 A
Rating current 65°C	22 A
Rating current 70°C	18 A

Dimensions

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

Frequency

Frequency	50 Hz

Power

Total power loss under IN	4.5 W
Power loss per pole at In	2 W

Tripping

Protected against nuisance tripping	No
Short-time delayed tripping	No

Endurance

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

Installation, mounting

Type of top connection for modular devices	with screw
Tightening torque	2,8Nm
Type of top rail clip for modular devices	NA
Type of bottom rail clip for modular devices	metallic
Type of Bottom Connection for modular devices	BIconnect
Top removability for modular devices	No
Bottom removability for modular devices	No

Connection

Connection cross-section at output with screw, for massive conductor	1 / 25 mm²
Connection cross-sect. flexible conductor	16mm²
Connection cross-section for rigid conductor, upstream terminals with screws	1 / 25 mm²
Connection cross-section of the access with screws, with flexible conductor	1 / 16 mm²
Connection cross section of access and exit with screws, for flexible conductor	1 / 16 mm²

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
Altitude	2000 m
Storage/transport temperature	-55…70 °C