

MC200A

MCB 2P 6kA C-0.5A 2M

Technical characteristics

Number of poles 2 Type of pole 2 Curve Functions Concurrently switching N-neutral N Configuration N Number of modules Connectivity Top connection alignement for modular devices Aligned terminic Bottom connection alignement for modular devices Aligned terminic Bottom connection alignement for modular devices Aligned terminic Main electrical features Aligned terminic Rated short circuit breaking capacity Icn AC according IECG0898-1 6 k Rated operational voltage Ue 400 Type of supply voltage A Frequency 50/60 H Voltage 4000 Electric current 500 Rated insulation voltage 500 Rated service breaking capacity Ics AC according IECG0898-1 6 k min/maxi threshold value of the AC thermal operation 1.13 / 1.45 I Magnetic regulating current 5 / 10 I min/maxi threshold value of the DC thermal operation 7 / 15 I min/maxi threshold value of the DC thermal operation 1.13 / 1.45 I Breaking capacity on 1 pole for IT 400V NF opsida acout operati	Number of protected poles	2
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60947-2 3 k Rated short circuit breaking capacity Icn	min/maxi threshold value of the DC thermal operation	1.13 / 1.45 lr
	Breaking capacity on 1 pole for IT 400V NF 60947-2	3 k/
	Rated short circuit breaking capacity Icn under 400V AC according IEC60898-1	6 k/

Electric current / temperature

Rating current -25°C	0.7 A
Rating current -20°C	0.7 A
Rating current -15°C	0.7 A
Rating current -10°C	0.7 A
Rating current -5°C	0.6 A
Rating current 0°C	0.6 A
Rating current 5°C	0.6 A
Rating current 10°C	0.6 A
Rating current 15°C	0.6 A
Rating current 20°C	0.5 A
Rating current 25°C	0.5 A
Rating current 30°C	0.5 A
Rating current 35°C	0.5 A
Rating current 40°C	0.5 A
Rating current 45°C	0.4 A
Rating current 50°C	0.4 A
Rating current 55°C	0.4 A
Rating current 60°C	0.3 A
Rating current 65°C	0.3 A
Rating current 70°C	0.3 A

Current correction factors

Correction factor of rating current for 2 devices placed side-by-side	1
Correction factor of rating current for 3 devices placed side-by-side	0.95
Correction factor of rating current for 4 and 5 devices placed side-by-side	0.9
Correction factor of rating current for 6 devices placed side-by-side	0.85
Correction factor of magnetic tripping with 100 Hz	1.1
Correction factor of magnetic tripping with 200 Hz	1.2
Correction factor of magnetic tripping with 400 Hz	1.5
Correction factor of magnetic tripping with 60 Hz	1
Dimensions	
Depth of installed product	70 mm
Height of installed product	83 mm
Width of installed product	35 mm

Frequency

Frequency

50 to 60 Hz

Power

Total power loss under IN	2.3 W
Power loss per pole at In	1.17 W
Endurance	
Electric endurance in number of cycles	4000
Number of mechanical operations	20000
Installation, mounting	
Type of top connection for modular devices	with screv
Tightening torque	2,8Nm
Type of top rail clip for modular devices	NA
Type of bottom rail clip for modular devices	metallio
Type of Bottom Connection for modular devices	Blconnect
Top removability for modular devices	No
Bottom removability for modular devices	No
Connection	
Connection cross-sect. flexible conductor	1 / 25mm
Connection cross-sect. rigid cable	1 / 35mm
Connection cross-section of input and output with screws, for massive conductors	1 / 35 mm
Connection cross section of access and exit with screws, for flexible conductor	1 / 25 mm
Type of connection	with screv
Standards	
Standard text	EN 60898-1
Safety	
REACH conform	No
RoHS conform	Yes
Halogen free	No
Use conditions	
Operating temperature	-2570 °C
Degree of pollution according to IEC 60664 / IEC 60947-2	2
Class of energy limitation I ² t	3
	2000 n
Altitude	