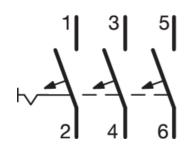
Product data sheet MCN304





MCN304

MCB 3P 6kA C-4A 3M

Technical properties

Type of pole 3 Curve Functions Concurrently switching N-neutral N Configuration N Number of modules Connectivity Top connection alignement for modular Aligned termin Bottom connection alignement for modular Aligned termin Main electrical features Aligned termin Rated short circuit breaking capacity Icn AC according IEC60898-1 6 k Rated operational voltage Ue 230 / 400 Type of supply voltage A Frequency 50/60 H Voltage 4 Rated insulation voltage 500 Rated current 4 Rated service breaking capacity Ics AC according IEC60898-1 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 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 operation 3 k Rated short circuit breaking capacity Icn	Number of protected poles	3
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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
	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.

Rated ultimate short-circuit breaking capa- city Icu under 400V AC IEC 60947-2	10 kA
Rated ultimate short-circuit breaking capa- city Icu under 415V AC IEC 60947-2	10 kA
Electric current / temperature	
Rating current -25°C	4.8 A
Rating current -20°C	4.7 A
Rating current -15°C	4.7 A
Rating current -10°C	4.6 A
Rating current -5°C	4.5 A
Rating current 0°C	4.5 A
Rating current 5°C	4.4 A
Rating current 10°C	4.3 A
Rating current 15°C	4.2 A
Rating current 20°C	4.2 A
Rating current 25°C	4.1 A
Rating current 30°C	4 A
Rating current 35°C	3.9 A
Rating current 40°C	3.8 A
Rating current 45°C	3.7 A
Rating current 50°C	3.6 A
Rating current 55°C	3.5 A
Rating current 60°C	3.4 A

3.3 A

3.2 A

Current correction factors

Rating current 65°C

Rating current 70°C

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	52.5 mm
Frequency	
Frequency	50 to 60 Hz

1.9 W 4000 20000
20000
with screw
2,8Nm
Blconnect
1 / 25mm²
1 / 35mm²
1 / 35 mm²
1 / 25 mm²
with screw
EN 60898-1
No
Yes
No
-2570 °C
2
3
2000 m
for all climates