

6 kA



MC304A

MCB 3P 6kA C-4A 3M

Technische Merkmale

Architecture

Number of protected poles	3
Number of poles	3 P
Type of pole	3 P
Curve	С

Connectivity

Bottom connection alignement for modular devices	Aligned terminal
Top connection alignement for modular devices	Aligned terminal

Main electrical features

Frequency	50/60 Hz
Rated short circuit breaking capacity Icn AC according IEC60898-1	6 kA
Type of supply voltage	AC
Rated operational voltage Ue	230/400 V

Voltage

Rated insulation voltage	500 V
Rated impulse withstand voltage	4000 V

Electric current

Rated short circuit breaking capacity Icn under

6 kA
3 kA
10 kA
5/10 ln
7/15 In
1,13/1,45 ln
1,13/1,45 ln



Rating current -20°C 4,6 A Rating current 0°C 44,4 A Rating current 10°C 42,2 A Rating current 15°C 42,2 A Rating current 15°C 42,4 A Rating current 25°C 41,1 A Rating current 25°C 4,6 A Rating current 30°C 4 A Rating current 35°C 39,4 A Rating current 40°C 39,4 A Rating current 40°C 39,4 A Rating current 40°C 39,4 A Rating current 5°C 4,4 A Rating current 5°C 4,4 A Rating current 5°C 3,7 A Rating current 5°C 3,7 A Rating current 5°C 3,7 A Rating current 5°C 3,5 A <th>Electric current / temperature</th> <th></th>	Electric current / temperature	
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Depth of installed product 70 mm Height of installed product 83 mm	Number of mechanical operations	20000
Height of installed product 83 mm	Dimensions	
	Depth of installed product	70 mm
Width of installed product 52,5 mm	Height of installed product	83 mm
	Width of installed product	52,5 mm



Installation, mounting	
Type of top connection for modular devices	with screw
Tightening torque	2,8Nm
Type of bottom rail clip for modular devices	metallic
Type of top rail clip for modular devices	NA
Type of Bottom Connection for modular devices	Blconnect
Bottom removability for modular devices	no
Top removability for modular devices	no
Connection	
Connection cross-sect. rigid cable	1 / 35mm²
Connection cross-sect. flexible conductor	1 / 25mm²
Type of connection	with screw
Connection cross section of access and exit with screws, for flexible conductor	1/25 mm²
Connection cross-section of input and output with screws, for massive conductors	1/35 mm²
Standards	
Standard text	EN 60898-1
European directive WEEE	concerned
Safety	
Protection index IP	IP20
Use conditions	
Degree of pollution according to IEC 60664 / IEC 60947-2	2
Operating temperature	-25 70 °C
Class of energy limitation I ² t	3
Altitude	2000 m
Storage temperature	-25 to 80 °C
Air humidity protection	for all climates
Storage/transport temperature	-25 80 °C