



MCB 1P 6kA C-16A 1M

Technical properties

Arc	hi	+~	-	IIFO

Alemedetale	
Neutral position	without neutral
Number of poles	1 P
Type of pole	1 P
Fixing mode	DIN rail type O (symmetrical)
Curve	С
Functions	
Concurrently switching N-neutral	No
Configuration	
Number of modules	1
Connectivity	
Top connection alignement for modular devices	Aligned terminal
Bottom connection alignement for modular devices	Aligned terminal
Main electrical features	
Rated operational voltage Ue	230 / 400 V
Type of supply voltage	AC
Voltage	
Rated insulation voltage	500 V
Max operating voltage	415 V
Rated impulse withstand voltage	4000 V
Electric current	
Rated current	16 A
min/maxi threshold value of the AC thermal operation	1.13 / 1.45 ln
Magnetic regulating currrent	5 / 10 ln
Rated short circuit breaking capacity Icn under 230V AC according IEC60898-1	6 kA
Rated short circuit breaking capacity Icn under 400V AC according IEC60898-1	6 kA
Electric current / temperature	
Rating current -25°C	22.48 A
Rating current -20°C	21.91 A
Rating current -15°C	21.33 A

Rating current -5°C 19.61 A Rating current 0°C 19.61 A Rating current 0°C 19.61 A Rating current 10°C 19.04 A Rating current 10°C 18.47 A Rating current 10°C 17.9 A Rating current 10°C 17.9 A Rating current 20°C 17.32 A Rating current 20°C 16.75 A Rating current 30°C 16.6 A Rating current 30°C 16.6 A Rating current 35°C 15.6 A Rating current 40°C 15.03 A Rating current 40°C 15.03 A Rating current 45°C 14.4 6 A Rating current 50°C 14.4 A Rating current 50°C 14.4 A Rating current 50°C 19.4 A Rating current 60°C 12.17 A Rating current 60°C 12.17 A Rating current 60°C 12.17 A Rating current 70°C 11.59 A Current correction factor of rating current for 2 devices placed side-by-side 10.95 Current correction factor of rating current for 3 devices placed side-by-side 0.95 Current factor of rating current for 4 and 5 devices placed side-by-side 0.95 Current factor of rating current for 6 devices placed side-by-side 0.95 Current factor of rating current for 8 Current factor of rating current for 8 Current factor of rating current for 9 Current factor of rating current for 8 Current factor of rating current for 9 Current factor of rating current for 8 Current factor of rating curre	Rating current -10°C	20.82 A
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screw, for flexible conductor 1 / 25 mm² Connection cross-section at output with	Connection	
·		1 / 25 mm²
	·	1 / 35 mm²

Connection cross-section for rigid conductor, upstream terminals with screws	1 / 35 mm²
	1 / 33 111111-
Connection cross-section of the access with screws, with flexible conductor	1 / 25 mm²
Type of connection	with screw
Equipment	
Can be accessorized	No
Standards	
Standard text	IEC 60898-1
European directive WEEE	concerned
Safety	
Protection index IP	IP20
REACH conform	No
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
Altitude	2000 m
Storage/transport temperature	-2580 °C
temperatur	
Temperature of calibration	30 °C