

12.54 A



MSN110

MCB 1P 6kA C-10A 1M

Technical properties

Arc	hite	cti	ıro

Neutral position	without neutral
Number of poles	1 P
Type of pole	1 P
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	240 / 415 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	10 A
min/maxi threshold value of the AC thermal operation	1.13 / 1.45 ln
Magnetic regulating currrent	5 / 10 In
Rated short circuit breaking capacity Icn under 230V AC according IEC60898-1	6 kA
Rated short circuit breaking capacity Icn under 240V AC according IEC 60898-1	6 kA
Electric current / temperature	
Rating current -25°C	13.4 A
Rating current -20°C	13.1 A
Rating current -15°C	12.8 A

Rating current -10°C

Rating current 5°C Rating current 10°C Rating current 15°C Rating current 15°C Rating current 15°C Rating current 20°C Rating current 20°C Rating current 30°C Rating current 30°C Rating current 35°C Rating current 40°C Rating current 40°C Rating current 55°C Rating current 55°C Rating current 50°C Rating current 50°C Rating current 50°C Rating current 50°C Rating current 60°C Rating current 60°C Rating current 60°C Rating current 60°C Rating current 70°C Rating current 70°C Rating current 60°C Rating current for 60°C Rating		12.21 A
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Connection cross-section at output with screw, for massive conductor	1 / 35 mm²
Connection cross-section for rigid conductor, upstream terminals with screws	1 / 35 mm²
Connection cross-section of the access with screws, with flexible conductor	1 / 25 mm²
Downstream cage clamp delivery status	opened
Upstream cage clamp delivery status	opened
Type of connection	with screw
Equipment	
Can be accessorized	Yes
With transparent product label holder	Yes
Standards	
Standard text	IEC 60898-1 ; AS/NZS 60898-1
Safety	
REACH conform	Yes
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
Altitude	2000 m
Storage/transport temperature	-2580 °C
temperatur	
Temperature of calibration	30 °C