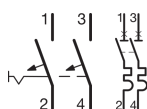


HMC299



MCB 2P 15kA C-125A 3M

Technical properties

Architecture

Type of pole	2P
Curve	C

Voltage

Rated operational voltage U_e	415 - 415 V
Type voltage supply	AC
Rated insulation voltage U_i	500 V
Rated impulse withstand voltage U_{imp}	6,000 V

Frequency

Frequency	50 - 60 Hz
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Electric current

Rated current	125 A
Rated service breaking capacity I_{cs} AC according to IEC 60898-1	7.50 kA
Rated short-circuit breaking capacity I_{cn} under 230 V AC according to IEC 60898-1	15 kA
Rated ultimate short-circuit breaking capacity I_{cu} under 230 V AC IEC 60947-2	15 kA
Rated ultimate short-circuit breaking capacity I_{cu} under 400 V AC IEC 60947-2	15 kA
Rated current 30°C	125 A
Rated current 35°C	122 A
Rated current at 40°C	119 A
Rated current at 45°C	115.70 A
Rated current at 50°C	112 A
Rated current 55°C	109.10 A
Rated current 60°C	105.60 A

Installation, mounting

Nominal tightening torque	3.5 - 5.0 Nm
Type of top connection for modular devices	Screw terminal
Type of bottom connection for modular devices	Screw terminal
Nominal tightening torque down terminal	3.60 - 3.60 Nm
Nominal tightening torque top terminal	3.60 - 3.60 Nm

Main electrical attributes

Rated short-circuit breaking capacity I_{cn} AC according to IEC 60898-1	15 kA
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Power	
Total power loss under IN	21 W
Endurance	
Electric endurance in number of cycles	4,000
Number of mechanical operations	20,000
Connection	
Cross-section of input and output with screws, for massive conductors	1 - 70 mm ²
Cross-section of input and output with screws, for flexible conductors	1 - 50 mm ²
Cross-section flexible conductor	50 mm ²
Cross-section rigid conductor	70 mm ²
Use conditions	
Degree of pollution according to IEC 60664 / IEC 60947-2	3
Air humidity protection	For all climates
Operating temperature	-25 - 70 °C
Capacity	
Number of modules	3
Connectivity	
Top connection alignment for modular devices	Aligned terminal
Down connection alignment for modular devices	Aligned terminal
Dimensions	
Height	90 mm
Width	53 mm
Depth	70 mm