

4.50



HMD399

## MCB 3P 15kA D-125A 4.5M

## **Technical Features**

Technical Features	
Architecture	
Type of pole	3P
Curve	D
Voltage	
Rated operational voltage Ue	415 - 415 V
Type voltage supply	AC
Rated insulation voltage Ui	500 V
Rated impulse withstand voltage Uimp	6000 V
Frequency Frequency	50 - 60 Hz
Installation, mounting	05.501
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
Electric current	
Rated current	125 A
Rated service breaking capacity lcs AC according to IEC 60898-1	7.50 kA
Rated short-circuit breaking capacity Icn under 230 V AC according to IEC 60898-1	15 kA
Rated ultimate short-circuit breaking capacity Icu under 230 V AC IEC 60947-2	15 kA
Rated ultimate short-circuit breaking capacity Icu 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
Main electrical attributes	
Rated short-circuit breaking capacity Icn AC according to IEC 60898-1	15 kA
Installation, mounting	
Nominal tightening torque down terminal	3.60 - 3.60 Nm
Nominal tightening torque top terminal	3.60 - 3.60 Nm
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Power Total power loss under IN	34.93 W
Total power loss under IIV	
Endurance  Electric and transa in number of evelop	4000
Electric endurance in number of cycles	
Number of mechanical operations	20000
Connection	. =0 2
Cross-section of input and output with screws, for massive conductors	1 - 70 mm²
Cross-section of input and output with screws, for flexible conductors	1 - 50 mm²
Cross-section flexible conductor	50 mm <sup>2</sup>
Cross-section rigid conductor	70 mm²
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	4.50

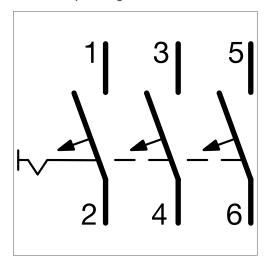
Number of modules

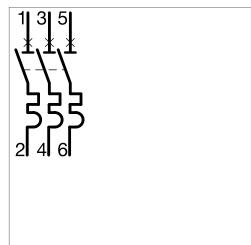


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Connectivity	
Top connection alignment for modular devices	Aligned terminal
Down connection alignment for modular devices	Aligned terminal
Dimensions	
Height	90 mm
Width	80 mm
Depth	70 mm
Sustainability	
REACh-SVHC free	Yes
RoHS conform	Yes

## Illustrations | Drawings





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