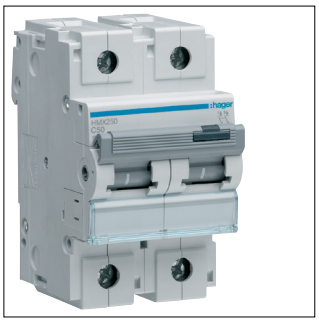
Product Datasheet
HMX250



HMX250

MCB 2P 50kA C-50A 3M

Technical Features

Electric current	
Rated current	50 A
Rated ultimate short-circuit breaking capacity Icu AC IEC 60947-2	50 kA
Rated ultimate short-circuit breaking capacity Icu under 400 V AC IEC 60947-2	50 kA
Architecture	
Type of pole	2P
Curve	C
Capacity	
Number of modules	3
Main electrical attributes	
Rated short-circuit breaking capacity Icn AC according to IEC 60898-1	50 kA
Installation, mounting	
Nominal tightening torque top terminal	3.60 - 3.60 Nm
Nominal tightening torque down terminal	3.60 - 3.60 Nm
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
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 of input with screws, for flexible conductors	1 - 50 mm^2
Cross-section of input with screws, for massive conductors	1 - 70 mm^2
Cross-section flexible conductor	50 mm^2
Cross-section rigid conductor	70 mm^2
Installation, mounting	
Nominal tightening torque	3.5 - 5.0 Nm
Type of bottom connection for modular devices	Screw terminal
Type of top connection for modular devices	Screw terminal
360° mounting position possible	Yes
Safety	
Ingress Protection (IP) class	IP20
Use conditions	
Degree of pollution according to IEC 60664 / IEC 60947-2	3
Class of energy limitation I^2t	3
Air humidity protection	For all climates
Operating temperature	-25 - 70 °C
Power	
Total power loss under IN	7.46 W
Connectivity	
Top connection alignment for modular devices	Aligned terminal
Down connection alignment for modular devices	Aligned terminal
Dimensions	
Height	90 mm

Dimensions

Width	53 mm
Depth	70 mm

Sustainability

REACh-SVHC free	Yes
RoHS conform	Yes

Illustrations | Drawings

