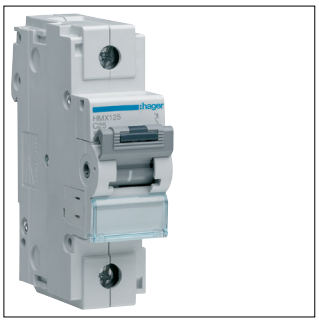
Product Datasheet
HMX125



HMX125

MCB 1P 50kA C-25A 1.5M

Technical Features

Electric current

Rated current	25 A
Rated ultimate short-circuit breaking capacity Icu AC IEC 60947-2	50 kA

Architecture

Type of pole	1P
Curve	C

Capacity

Number of modules	1.50

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	240 - 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	2.57 W

Connectivity

Top connection alignment for modular devices	Aligned terminal
Down connection alignment for modular devices	Aligned terminal

Dimensions

Height	90 mm
Width	27 mm

Dimensions	
Depth	70 mm

Sustainability	
REACh-SVHC free	Yes
RoHS conform	Yes