Product Datasheet
NC106A

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MCB 1P 10kA C-6A 1M

Technical Features

Electric current

Rated current	6 A
Rated short-circuit breaking capacity Icn under 230 V AC according to IEC 60898-1	10 kA

Architecture

Type of pole	1P
Curve	C

Capacity

Number of modules	1

Main electrical attributes

Rated short-circuit breaking capacity Icn AC according to IEC 60898-1	10 kA

Installation, mounting

Nominal tightening torque top terminal	2.80 - 2.80 Nm
Nominal tightening torque down terminal	2.80 - 2.80 Nm

Voltage

Rated operational voltage Ue	230 - 400 V
Type voltage supply	AC
Rated insulation voltage Ui	500 V
Rated impulse withstand voltage Uimp	4000 V

Frequency

Frequency	50 - 60 Hz

Connection

Cross-section of input and output with screws, for massive conductors	1 - 35 mm^2
Cross-section of input and output with screws, for flexible conductors	1 - 25 mm^2
Cross-section of input with screws, for flexible conductors	1 - 25 mm^2
Cross-section of input with screws, for massive conductors	1 - 35 mm^2

Installation, mounting

Nominal tightening torque	2.80 - 2.80 Nm
Type of bottom connection for modular devices	biconnect
Type of top connection for modular devices	Screw terminal
360° mounting position possible	Yes

Safety

Ingress Protection (IP) class	IP20
Grid distance	35 mm

Use conditions

Degree of pollution according to IEC 60664 / IEC 60947-2	2
Class of energy limitation I^2t	3
Air humidity protection	For all climates
Operating temperature	-25 - 70 °C

Power

Total power loss under IN	1.30 W

Connectivity

Type of connection	Screw terminal
Top connection alignment for modular devices	Aligned terminal
Down connection alignment for modular devices	Aligned terminal

Dimensions	
Height	83 mm
Width	17.50 mm
Depth	70 mm

Connection	
Cross-section flexible conductor	1 - 25 mm^2
Cross-section rigid conductor	1 - 35 mm^2

Sustainability	
RoHS conform	Yes