



NFN102

MCB 1P 6/10kA C-2A 1M

Technical Features

Electric current

Rated current	2 A
Rated service breaking capacity Ics under 230 V AC according to IEC 60947-2	7.50 kA
Rated short-circuit breaking capacity Icn under 230 V AC according to IEC 60898-1	6 kA
Rated ultimate short-circuit breaking capacity Icu under 230 V AC IEC 60947-2	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	6 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	6000 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	60 mm

Use conditions

Degree of pollution according to IEC 60664 / IEC 60947-2	2
Class of energy limitation I ² t	3
Operating temperature	-25 - 70 °C

Power

Total power loss under IN	1.89 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
--------	-------

Dimensions

Width	17.50 mm
Depth	70 mm

Sustainability

RoHS conform	Yes
--------------	-----

Illustrations | Drawings

