



NCN401

### MCB 4P 10kA/15kA C-1A 4M

#### Technical Features

##### Electric current

Rated current	1 A
Rated service breaking capacity Ics under 230 V AC according to IEC 60947-2	15 kA
Rated short-circuit breaking capacity Icn under 230 V AC according to IEC 60898-1	10 kA
Rated ultimate short-circuit breaking capacity Icu under 230 V AC IEC 60947-2	30 kA
Rated ultimate short-circuit breaking capacity Icu under 400 V AC IEC 60947-2	15 kA
Rated current -25°C	1.41 A
Rated current at -20°C	1.37 A
Rated current -15°C	1.34 A
Rated current -10°C	1.31 A
Rated current -5°C	1.27 A
Rated current at 0°C	1.24 A
Rated current 5°C	1.20 A
Rated current 10°C	1.16 A
Rated current 15°C	1.13 A
Rated current at 20°C	1.09 A
Rated current 25°C	1.04 A
Rated current 30°C	1 A
Rated current 35°C	0.95 A
Rated current at 40°C	0.90 A
Rated current at 45°C	0.84 A
Rated current at 50°C	0.78 A
Rated current 55°C	0.72 A
Rated current 60°C	0.65 A
Rated current 65°C	0.57 A
Rated current 70°C	0.48 A

##### Architecture

Type of pole	4P
Curve	C

##### Capacity

Number of modules	4
-------------------	---

##### 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	400 - 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 <sup>2</sup>
Cross-section of input and output with screws, for flexible conductors	1 - 25 mm <sup>2</sup>
Cross-section of input with screws, for flexible conductors	1 - 25 mm <sup>2</sup>
Cross-section of input with screws, for massive conductors	1 - 35 mm <sup>2</sup>

##### Installation, mounting

Nominal tightening torque	2.80 - 2.80 Nm
Type of bottom connection for modular devices	biconnect

#### Installation, mounting

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 <sup>2</sup> t	3
Operating temperature	-25 - 70 °C

#### Power

Total power loss under IN	4.24 W
---------------------------	--------

#### Endurance

Electric endurance in number of cycles	4000
Number of mechanical operations	20000

#### 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	70 mm
Depth	70 mm

#### Illustrations | Drawings

