



NCN140A

## MCB 1P 10kA/15kA C-40A 1M

### Technical characteristics

#### Electric current

Rated current	40 A
Rated short-circuit breaking capacity $I_{cn}$ under 230 V AC according to IEC 60898-1	10 kA
Rated ultimate short-circuit breaking capacity $I_{cu}$ under 230 V AC IEC 60947-2	15 kA
Rated current 30°C	40 A

#### Architecture

Type of pole	1P
Curve	C

#### Capacity

Number of modules	1
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#### Installation, mounting

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

#### Main electrical attributes

Rated short-circuit breaking capacity $I_{cn}$ AC according to IEC 60898-1	10 kA
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#### Voltage

Rated operational voltage $U_e$	230 - 400 V
Type voltage supply	AC
Rated insulation voltage $U_i$	500 V
Rated impulse withstand voltage $U_{imp}$	6,000 V

#### Frequency

Frequency	50 - 60 Hz
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#### 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>
<b>Safety</b>	
Ingress Protection (IP) class	IP20
<b>Use conditions</b>	
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
<b>Power</b>	
Total power loss under IN	3.71 W
<b>Endurance</b>	
Electric endurance in number of cycles	4,000
Number of mechanical operations	20,000
<b>Connectivity</b>	
Type of connection	Screw terminal
Top connection alignment for modular devices	Aligned terminal
Down connection alignment for modular devices	Aligned terminal
<b>Dimensions</b>	
Height	83 mm
Width	17.50 mm
Depth	70 mm