



NCN332A

## MCB 3P 10kA/15kA C-32A 3M

### Technical characteristics

#### Electric current

Rated current	32 A
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	39.04 A
Rated current at -20°C	38.45 A
Rated current -15°C	37.86 A
Rated current -10°C	37.25 A
Rated current -5°C	36.64 A
Rated current at 0°C	36.01 A
Rated current 5°C	35.37 A
Rated current 10°C	34.73 A
Rated current 15°C	34.06 A
Rated current at 20°C	33.39 A
Rated current 25°C	32.70 A
Rated current 30°C	32 A
Rated current 35°C	31.26 A
Rated current at 40°C	30.50 A
Rated current at 45°C	29.72 A
Rated current at 50°C	28.92 A
Rated current 55°C	28.10 A
Rated current 60°C	27.26 A
Rated current 65°C	26.38 A
Rated current 70°C	25.48 A

#### Architecture

Type of pole	3P
Curve	C

#### Capacity

Number of modules	3
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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 <sub>cn</sub> AC according to IEC 60898-1	10 kA
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### Voltage

Rated operational voltage U <sub>e</sub>	400 - 400 V
Type voltage supply	AC
Rated insulation voltage U <sub>i</sub>	500 V
Rated impulse withstand voltage U <sub>imp</sub>	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>

### 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 I <sub>N</sub>	12.30 W
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### Endurance

Electric endurance in number of cycles	4,000
Number of mechanical operations	20,000

### 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	52.50 mm
Depth	70 mm

Subject to technical modifications