



NCN463

**MCB 4P 10kA C-63A 4M**

**Technical Features**

**Electric current**

Rated current	63 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	78.67 A
Rated current at -20°C	77.38 A
Rated current -15°C	76.06 A
Rated current -10°C	74.72 A
Rated current -5°C	73.36 A
Rated current at 0°C	71.97 A
Rated current 5°C	70.56 A
Rated current 10°C	69.11 A
Rated current 15°C	67.64 A
Rated current at 20°C	66.13 A
Rated current 25°C	64.58 A
Rated current 30°C	63 A
Rated current 35°C	60.96 A
Rated current at 40°C	58.86 A
Rated current at 45°C	56.68 A
Rated current at 50°C	54.40 A
Rated current 55°C	52.03 A
Rated current 60°C	49.55 A
Rated current 65°C	46.94 A
Rated current 70°C	44.17 A

**Architecture**

Type of pole	4P
Curve	C

**Capacity**

Number of modules	4
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**Main electrical attributes**

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

**Voltage**

Rated operational voltage Ue	415 - 415 V
Type voltage supply	AC
Rated insulation voltage Ui	500 V
Rated impulse withstand voltage Uimp	6000 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>

### 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

### Safety

Ingress Protection (IP) class	IP20
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### 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	25.70 W
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### Endurance

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

### Connectivity

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

### Sustainability

RoHS conform	Yes
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### Illustrations | Drawings

