



NDN363A

## MCB 3P 10kA/15kA D-63A 3M

### Technical properties

#### Electric current

Rated current	63 A
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	3P
Curve	D

#### 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
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**Use conditions**

Degree of pollution according to IEC 60664 / IEC 60947-2	2
Operating temperature	-25 - 70 °C

**Power**

Total power loss under I <sub>N</sub>	19.90 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