



NC363A

**MCB 3P 10kA C-63A 3M**

**Technical Features**

**Electric current**

Rated current	63 A
Rated current -15°C	76.20 A
Rated current -10°C	74.90 A
Rated current -5°C	73.50 A
Rated current at 0°C	72.10 A
Rated current 5°C	70.70 A
Rated current 10°C	69.20 A
Rated current 15°C	67.70 A
Rated current at 20°C	66.20 A
Rated current 25°C	64.60 A
Rated current 30°C	63 A
Rated current 35°C	61.40 A
Rated current at 40°C	59.70 A
Rated current at 45°C	57.90 A
Rated current at 50°C	56.10 A
Rated current 55°C	54.30 A
Rated current 60°C	52.40 A
Rated current 65°C	50.70 A
Rated current 70°C	48.90 A

**Architecture**

Type of pole	3P
Curve	C

**Capacity**

Number of modules	3
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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	400 - 400 V
Type voltage supply	AC
Rated insulation voltage Ui	500 V
Rated impulse withstand voltage Uimp	4000 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>
Cross-section flexible conductor	1 - 25 mm <sup>2</sup>
Cross-section rigid conductor	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
360° mounting position possible	Yes

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**Safety**

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Ingress Protection (IP) class	IP20
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**Use conditions**

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Degree of pollution according to IEC 60664 / IEC 60947-2	2
Class of energy limitation I <sup>2</sup> t	3
Air humidity protection	For all climates
Operating temperature	-25 - 70 °C

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**Power**

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Total power loss under IN	18.10 W
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**Connectivity**

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Top connection alignment for modular devices	Aligned terminal
Down connection alignment for modular devices	Aligned terminal
Type of connection	Screw terminal

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**Dimensions**

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Height	83 mm
Width	52.50 mm
Depth	70 mm

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**Sustainability**

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RoHS conform	Yes
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