



NC150A

### MCB 1P 10kA C-50A 1M

#### Technical Features

##### Electric current

Rated current	50 A
Rated service breaking capacity Ics under 230 V AC according to IEC 60947-2	10 kA
Rated short-circuit breaking capacity Icn under 230 V AC according to IEC 60898-1	10 kA

##### Architecture

Type of pole	1P
Curve	C

##### Capacity

Number of modules	1
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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	230-400 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>

##### 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

##### 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
Air humidity protection	For all climates
Operating temperature	-25 - 70 °C

##### Power

Total power loss under IN	4.7 W
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##### Connectivity

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		17.5 mm
Depth		70 mm
<b>Sustainability</b>		
RoHS conform		Yes