



NFN440

MCB 4P 6/10kA C-40A 4M

Technical Features

Architecture

Curve	C
Type of pole	4P

Capacity

Number of modules	4
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Connection

Cross-section of input and output with screws, for flexible conductors	1 - 25 mm ²
Cross-section of input and output with screws, for massive conductors	1 - 35 mm ²
Cross-section of input with screws, for flexible conductors	1 - 25 mm ²
Cross-section of input with screws, for massive conductors	1 - 35 mm ²

Connectivity

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

Dimensions

Depth	70 mm
Height	83 mm
Width	70 mm

Electric current

Rated current	40 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	20 kA
Rated ultimate short-circuit breaking capacity Icu under 400 V AC IEC 60947-2	10 kA

Frequency

Frequency	50 - 60 Hz
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Installation, mounting

360° mounting position possible	Yes
Nominal tightening torque	2.80 - 2.80 Nm
Nominal tightening torque down terminal	2.80 - 2.80 Nm
Nominal tightening torque top terminal	2.80 - 2.80 Nm
Type of bottom connection for modular devices	biconnect
Type of top connection for modular devices	Screw terminal

Main electrical attributes

Rated short-circuit breaking capacity Icn AC according to IEC 60898-1	6 kA
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Power

Total power loss under I _N	15 W
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Use conditions

Class of energy limitation I ² t	3
Degree of pollution according to IEC 60664 / IEC 60947-2	2
Operating temperature	-25 - 70 °C

Voltage

Rated impulse withstand voltage U _{imp}	6000 V
Rated insulation voltage U _i	500 V
Rated operational voltage U _e	400 - 400 V
Type voltage supply	AC

Sustainability

RoHS conform	Yes
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Illustrations | Drawings

