



NCN340A

MCB 3P 10kA/15kA C-40A 3M

Technical characteristics

Electric current

Rated current	40 A
Rated ultimate short-circuit breaking capacity I _{cu} under 230 V AC IEC 60947-2	30 kA
Rated ultimate short-circuit breaking capacity I _{cu} under 400 V AC IEC 60947-2	15 kA
Rated current 30°C	40 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 I _{cn} AC according to IEC 60898-1	10 kA
Nominal tightening torque top terminal	2.80 - 2.80 Nm
Nominal tightening torque down terminal	2.80 - 2.80 Nm

Voltage

Rated operational voltage U _e	400 - 400 V
Type voltage supply	AC
Rated insulation voltage U _i	500 V
Rated impulse withstand voltage U _{imp}	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 ²
Cross-section of input and output with screws, for flexible conductors	1 - 25 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

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
Use conditions	
Degree of pollution according to IEC 60664 / IEC 60947-2	2
Class of energy limitation I ² t	3
Operating temperature	-25 - 70 °C
Power	
Total power loss under IN	10.10 W
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