



NDN140A

MCB 1P 10kA/15kA D-40A 1M

Technical Features

Electric current

Rated current	40 A
Rated short-circuit breaking capacity I _{cn} under 230 V AC according to IEC 60898-1	10 kA
Rated ultimate short-circuit breaking capacity I _{cu} under 230 V AC IEC 60947-2	15 kA
Rated current 30°C	40 A

Architecture

Type of pole	1P
Curve	D

Capacity

Number of modules	1
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Main electrical attributes

Rated short-circuit breaking capacity I _{cn} 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 U _e	230 - 400 V
Type voltage supply	AC
Rated insulation voltage U _i	500 V
Rated impulse withstand voltage U _{imp}	6000 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
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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 _N	3.71 W
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Endurance

Electric endurance in number of cycles	4000
Number of mechanical operations	20000

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		17.50 mm
Depth		70 mm
Sustainability		
RoHS conform		Yes