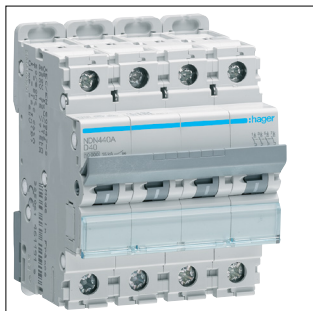




NDN440A

MCB 4P 10kA/15kA D-25A 4M

Technical Features

Electric current

Rated current I _N	25 A
Rated short-circuit breaking capacity I _{cn} under 230 V AC according to IEC 60898-1	20 kA
Rated ultimate short-circuit breaking capacity I _{cu} AC IEC 60947-2	15 kA
Rated ultimate short-circuit breaking capacity I _{cu} under 400 V AC IEC 60947-2	15 kA
Rated current at 30°C	25 A
Rated short-circuit breaking capacity I _{cn} under 400 V AC according to IEC 60898-1	10 kA

Architecture

Type of pole	4P
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Electric current

Rated service breaking capacity I _{cs} AC according to IEC 60898-1	7.50 kA
Rated ultimate short-circuit breaking capacity I _{cu} under 230 V AC IEC 60947-2	30 kA

Architecture

Curve	D
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Capacity

Number of modules	4
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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
Nominal tightening torque	2.80 - 2.80 Nm

Voltage

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

Type of bottom connection for modular devices	biconnect
Type of top connection for modular devices	Screw terminal

Safety

Ingress Protection (IP) class	IP20
Grid distance	60 mm

Use conditions

Degree of pollution according to IEC 60664 / IEC 60947-2	2
Operating temperature	-25 - 70 °C

Power

Power dissipation at I _N	14.75 W
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Connectivity

Top connection alignment for modular devices	Aligned terminal
Down connection alignment for modular devices	Aligned terminal

Dimensions		
Height		83 mm
Width		70 mm
Depth		70 mm
Sustainability		
RoHS conform		Yes