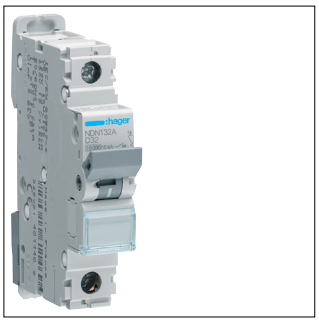
Product Datasheet
NDN132A



NDN132A

MCB 1P 10kA D-32A 1M

Technical Features

Architecture

Curve	D
Type of pole	1P

Capacity

Number of modules	1

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

Dimensions

Depth	70 mm
Height	83 mm
Width	17.50 mm

Electric current

Rated current	32 A
Rated current 10°C	34.91 A
Rated current -10°C	37.60 A
Rated current 15°C	34.21 A
Rated current -15°C	38.25 A
Rated current 25°C	32.75 A
Rated current -25°C	39.50 A
Rated current 30°C	32 A
Rated current 35°C	31.23 A
Rated current 5°C	35.61 A
Rated current -5°C	36.95 A
Rated current 55°C	27.93 A
Rated current 60°C	27.04 A
Rated current 65°C	26.13 A
Rated current 70°C	25.18 A
Rated current at 0°C	36.28 A
Rated current at 20°C	33.49 A
Rated current at -20°C	38.88 A
Rated current at 40°C	30.44 A
Rated current at 45°C	29.63 A
Rated current at 50°C	28.79 A
Rated service breaking capacity Ics under 230 V AC according to IEC 60947-2	7.50 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	15 kA

Endurance

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

Frequency

Frequency	50 - 60 Hz

Installation, mounting

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

Installation, mounting	
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	10 kA
Power	
Total power loss under IN	3.65 W
Safety	
Ingress Protection (IP) class	IP20
Use conditions	
Degree of pollution according to IEC 60664 / IEC 60947-2	2
Operating temperature	-25 - 70 °C
Voltage	
Rated impulse withstand voltage Uimp	6000 V
Rated insulation voltage Ui	500 V
Rated operational voltage Ue	240 - 415 V
Type voltage supply	AC