



NRN432

MCB 4P 20kA C-32A 4M

Technical Features

Electric current

Rated current	32 A
Rated service breaking capacity Ics under 230 V AC according to IEC 60947-2	15 kA
Rated ultimate short-circuit breaking capacity Icu AC IEC 60947-2	20 kA
Rated ultimate short-circuit breaking capacity Icu under 400 V AC IEC 60947-2	20 kA

Architecture

Type of pole	4P
Curve	C

Capacity

Number of modules	4
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Main electrical attributes

Rated short-circuit breaking capacity Icn 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 Ue	415 - 415 V
Type voltage supply	AC
Rated insulation voltage Ui	500 V
Rated impulse withstand voltage Uimp	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
Class of energy limitation I ² t	3
Air humidity protection	For all climates
Operating temperature	-25 - 70 °C

Power

Total power loss under IN	16.50 W
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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
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Dimensions

Width	70 mm
Depth	70 mm

Sustainability

RoHS conform	Yes
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Illustrations | Drawings

