



NCN425A

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

Technical Features

Electric current

Rated current	25 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	25 A

Architecture

Type of pole	4P
Curve	C

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

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}	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
Grid distance	60 mm

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 I _N	14.75 W
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Endurance

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

Product Datasheet

NCN425A

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	70 mm
Depth	70 mm

Sustainability

RoHS conform	Yes
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