Product Datasheet NCN125A



4000

20000



NCN125A

MCB 1P 10kA/15kA C-25A 1M

Technical Features

Electric current 25 A Rated current current 25 A Rated short-circuit breaking capacity lcu under 230 V AC according to IEC 60898-1 10 kA Rated current 30°C 25 A Architecture	Technical Features	
Rated short-circuit breaking capacity lou under 230 V AC according to IEC 60898-1 10 kA Rated ultimate short-circuit breaking capacity lou under 230 V AC IEC 60947-2 15 kA Architecture 25 A Type of pole 1P Curve C Capacity 1 Number of modules 1 Main electrical attributes 1 Rated short-circuit breaking capacity lon AC according to IEC 60898-1 10 kA Installation, mounting 1 Nominal tightening torque top terminal 2.80 - 2.80 Nm Nominal tightening torque down terminal 2.80 - 2.80 Nm Voltage 230 - 400 V Type voltage supply AC Rated operational voltage Ue 230 - 400 V Type voltage supply AC Rated insulation voltage Ui 500 V Rated insulation voltage Uimp 50 - 60 Hz Frequency 50 - 6	Electric current	
Rated ultimate short-circuit breaking capacity lou under 230 V AC IEC 60947-2 15 kA Rated current 30°C 26 A Architecture 1P Type of pole 1P Curve C Capacity		25 A
Rated current 30°C 25 A Architecture 1P Curve C Capacity C Number of modules 1 Main electrical attributes 1 Rated short-circuit breaking capacity lon AC according to IEC 60898-1 10 kA Installation, mounting 2.80 - 2.80 Nm Nominal tightening torque top terminal 2.80 - 2.80 Nm Nominal tightening torque down terminal 2.80 - 2.80 Nm Voltage 230 - 400 V Type voltage supply AC Rated insulation voltage Ue 230 - 400 V Type voltage supply AC Rated impulse withstand voltage Uimp 6000 V Frequency 50 - 60 Hz Frequency 50 - 60 Hz Consection 1 - 35 mm² Cross-section of input and output with screws, for massive conductors 1 - 25 mm² Cross-section of input with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for flexible conductors 1 - 35 mm² Installation, mounting 8 Nominal tightening torque 2.80 - 2.80 Nm		
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Type of pole	Rated current 30°C	25 A
Curve Capacity Number of modules 1 Main electrical attributes Rated short-circuit breaking capacity Ion AC according to IEC 60898-1 10 kA 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 down terminal 2.80 - 2.80 Nm Voltage Rated operational voltage Ue 230 - 400 V Type voltage supply AC Rated insulation voltage Ui 500 V Rated insulation voltage Ui 500 V Rated impulse withstand voltage Uimp 6000 V Frequency Frequency Consection Cross-section of input and output with screws, for massive conductors 1 - 35 mm² Cross-section of input with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for flexible conductors 1 - 35 mm² Cross-section of input with screws, for flexible conductors 1 - 35 mm² Cross-section of input with screws, for massive conductors 1 - 35 mm² Cross-section of input with screws, for flexible conductors 1 - 35 mm² Cross-section of input with screws, for flexible conductors 5 - 25 mm² Cross-section of input with screws, for massive conductors 5 - 25 mm² Cross-section of input with screws, for massive conductors 5 - 25 mm² Cross-section of input with screws, for massive conductors 5 - 25 crew terminal 360° mounting position possible 5 crew terminal 360° mounting position possible 7 ces 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 I²t 3 Operating temperature 2.55 - 70 °C Power Total power loss under IN 3.337 W	Architecture	
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Number of modules 1 Main electrical attributes Rated short-circuit breaking capacity Icn AC according to IEC 60898-1 10 kA 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 down terminal 2.80 - 2.80 Nm Voltage Rated operational voltage Ue 230 - 400 V Type voltage supply AC Rated insulation voltage Uimp 6000 V Rated impulse withstand voltage Uimp 6000 V Frequency 50 - 60 Hz Connection Cross-section of input and output with screws, for massive conductors 1 - 35 mm² Cross-section of input and output with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for flexible conductors 1 - 35 mm² Cross-section of input with screws, for massive conductors 1 - 35 mm² Cross-section of input with screws, for massive conductors 5 - 25 mm² Cross-section of input with screws, for massive conductors 5 - 25 mm² Cross-section of input with screws, for massive conductors 5 - 25 mm² Cross-section of input with screws, for massive conductors 5 - 25 mm² Cross-section of input with screws, for massive conductors 5 - 25 mm² Cross-section of input with screws, for massive conductors 5 - 25 mm² Cross-section of input with screws, for massive conductors 5 - 25 mm² Cross-section of input with screws, for massive conductors 5 - 25 mm² Cross-section of input with screws, for massive conductors 5 - 25 - 70 ° C Power Total power loss under IN 3.37 W	Curve	С
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Voltage Rated operational voltage Ue 230 - 400 V Type voltage supply AC Rated insulation voltage Ui 500 V Rated impulse withstand voltage Uimp 6000 V Frequency Frequency 50 - 60 Hz Connection Cross-section of input and output with screws, for massive conductors 1 - 35 mm² Cross-section of input and output with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for flexible conductors 1 - 25 mm² Cross-section of input with screws, for massive conductors 1 - 35 mm² Installation, mounting 2 .80 - 2.80 Nm² 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 2 Degree of pollution according to IEC 60664 / IEC 60947-2 2 Class of energy limitation I°t 3 Operating temperature -25 - 70 °C		

Electric endurance in number of cycles

Number of mechanical operations

Product Datasheet NCN125A



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