Product Datasheet NDN132A





VIDNHOOV

MCB 1P 10kA D-32A 1M

Technical Features

Type of pole	Architecture	
Capacity Number of modules 1 Cross-section of input and output with screws, for flexible conductors 1 - 25 mm² Cross-section of input and output with screws, for massive 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 1 - 35 mm² Connectivity Aligned termina Down connection alignment for modular devices Aligned termina Top connection alignment for modular devices Aligned termina Depth 70 mm² Height 83 mm² Width 77.50 mm² Electric current 32 A Rated current 10°C 34.91 A Rated current 10°C 34.04 A Rated current 10°C 34.04 A Rated current 10°C 34.21 A Rated current 10°C 34.21 A Rated current 10°C 35.61 A Rated current 10°C 32.75 A Rated current 25°C 32.75 A Rated current 30°C 32.75 A Rated current 25°C 35.61 A Ra	Curve	D
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Depth	Top connection alignment for modular devices	Aligned terminal
Height	Dimensions	
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Rated current Sacretary	Height	83 mm
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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 Rated ultimate short-circuit breaking capacity Icu under 230 V AC IEC 60947-2 15 kA Endurance Electric endurance in number of cycles Number of mechanical operations 20000 Frequency Frequency Frequency 50 - 60 Hz Installation, mounting Nominal tightening torque 2.80 - 2.80 Nm Nominal tightening torque down terminal	Rated current at 45°C	29.63 A
Rated short-circuit breaking capacity Icn under 230 V AC according to IEC 60898-1 Rated ultimate short-circuit breaking capacity Icu under 230 V AC IEC 60947-2 15 kA Endurance Electric endurance in number of cycles Aunumber of mechanical operations Crequency Frequency Frequency 50 - 60 Hz Installation, mounting Nominal tightening torque 2.80 - 2.80 Nm Nominal tightening torque down terminal	Rated current at 50°C	28.79 A
Rated ultimate short-circuit breaking capacity Icu under 230 V AC IEC 60947-2 Endurance Electric endurance in number of cycles Number of mechanical operations 70000 Frequency Frequency Frequency 50 - 60 Hz Installation, mounting Nominal tightening torque 2.80 - 2.80 Nm Nominal tightening torque down terminal	Rated service breaking capacity lcs under 230 V AC according to IEC 60947-2	7.50 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	Rated short-circuit breaking capacity Icn under 230 V AC according to IEC 60898-1	10 kA
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	Rated ultimate short-circuit breaking capacity Icu under 230 V AC IEC 60947-2	15 kA
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	Endurance	
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	Electric endurance in number of cycles	4000
Frequency 50 - 60 Hz Installation, mounting Nominal tightening torque 2.80 - 2.80 Nm Nominal tightening torque down terminal 2.80 - 2.80 Nm		20000
Frequency 50 - 60 Hz Installation, mounting Nominal tightening torque 2.80 - 2.80 Nm Nominal tightening torque down terminal 2.80 - 2.80 Nm	Fraguency	
Installation, mounting Nominal tightening torque 2.80 - 2.80 Nm Nominal tightening torque down terminal 2.80 - 2.80 Nm		EO 6011-
Nominal tightening torque 2.80 - 2.80 Nm Nominal tightening torque down terminal 2.80 - 2.80 Nm	течиеноу	30 - 00 HZ
Nominal tightening torque down terminal 2.80 - 2.80 Nm		
	Nominal tightening torque	2.80 - 2.80 Nm
Nominal tightening torque top terminal 2.80 - 2.80 Nm		2.80 - 2.80 Nm
	Nominal tightening torque top terminal	2.80 - 2.80 Nm

Product Datasheet NDN132A



500 V

AC

240 - 415 V

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 3.65 W Total power loss under IN Safety Ingress Protection (IP) class IP20 Use conditions Degree of pollution according to IEC 60664 / IEC 60947-2 Operating temperature -25 - 70 °C Voltage Rated impulse withstand voltage Uimp 6000 V

Rated insulation voltage Ui

Type voltage supply

Rated operational voltage Ue