Product Datasheet
NDN340A

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MCB 3P 10kA/15kA D-40A 3M

Technical Features

Electric current	
Rated current	40 A
Rated ultimate short-circuit breaking capacity Icu under 400 V AC IEC 60947-2	15 kA
Rated current 30°C	40 A
Architecture	
Type of pole	3P
Curve	D
Capacity	
Number of modules	3
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
Voltage	
Rated operational voltage Ue	400 - 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 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
Use conditions	
Degree of pollution according to IEC 60664 / IEC 60947-2	2
Operating temperature	-25 - 70 °C
Power	
Total power loss under IN	10.10 W
Endurance	
Electric endurance in number of cycles	4000
Number of mechanical operations	20000
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	52.50 mm
Depth	70 mm

Sustainability	
RoHS conform	Yes