



Circuit breaker, ComPact NSX100F, 36kA/415VAC, TMD trip unit 16A, 4 poles 3d

LV429647

Discontinued on: Jun 9, 2022 AD

! Discontinued

Main

Mani		
Range	ComPact	
Product Name	ComPact NSX	
Range Of Product	ComPact NSX100250	
Device Short Name	NSX100F	
Product Or Component Type	Circuit breaker	
Device Application	Distribution	
Number Of Poles	4P	
Protected Poles Description	3t	
Neutral Position	Left	
[In] Rated Current	16 A at 40 °C	
[Ue] Rated Operational Voltage	690 V AC 50/60 Hz	
Network Type	AC	
Network Frequency	50/60 Hz	
Suitability For Isolation	Yes conforming to EN/IEC 60947-2	
Utilisation Category	Category A	
[Icu] Rated Ultimate Short-Circuit Breaking Capacity	10 kA at 600 V AC 50/60 Hz conforming to UL 508 25 kA at 480 V AC 50/60 Hz conforming to UL 508 85 kA at 240 V AC 50/60 Hz conforming to UL 508 22 kA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2 25 kA Icu at 500 V AC 50/60 Hz conforming to IEC 60947-2 35 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 36 kA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 8 kA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2 85 kA Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2	
Performance Level	F 36 kA 415 V AC	
Trip Unit Name	TM-D	
Trip Unit Technology	Thermal-magnetic	
Trip Unit Protection Functions	Ц	
Control Type	Toggle	
Circuit Breaker Mounting Mode	Fixed	

Complementary

[Ui] Rated Insulation Voltage	800 V AC 50/60 Hz
[Uimp] Rated Impulse Withstand Voltage	8 kV

11 kA at 525 V AC 50/60 Hz conforming to IEC 60947-2 35 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 36 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 4 kA at 660/690 V AC 50/60 Hz conforming to IEC 60947-2 85 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 12.5 kA at 500 V AC 50/60 Hz conforming to IEC 60947-2
50000 cycles
10000 cycles at 690 V In 20000 cycles at 690 V In/2 30000 cycles at 440 V In 50000 cycles at 440 V In/2
Backplate
Front
Front
35 mm
L : for overload protection (thermal) I : for short-circuit protection (magnetic)
16 A at 40 °C
Adjustable
0.71 x ln
Fixed
120400 s at 1.5 x ln 15 s at 6 x lr
Fixed
190 A
Fixed
Without
No protection (3t)
5 slot(s)
140 mm
161 mm
86 mm
2.4 kg

Environment

Standards	EN/IEC 60947	
Product Certifications	CCC EAC Marine	
Overvoltage Category	Class II	
Electrical Shock Protection Class	Class II	
Pollution Degree	3 conforming to IEC 60664-1	
Ip Degree Of Protection	IP40 conforming to IEC 60529	
Ik Degree Of Protection	IK07 conforming to IEC 62262	
Ambient Air Temperature For Operation	-2570 °C	

Ambient Air Temperature For Storage	-5085 °C
Relative Humidity	095 %
Operating Altitude	02000 m without derating 2000 m5000 m with derating

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	14.5 cm
Package 1 Width	17.16 cm
Package 1 Length	19.0 cm
Package 1 Weight	2.436 kg

Contractual warranty

Warranty 18 months



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Transparency RoHS/REACh

Well-being performance



Mercury Free



Rohs Exemption Information

Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	End of Life Information