Product datasheet

Specifications

Green Premium™

Circuit breaker, ComPacT NSXm 63N, 50kA/415VAC, 3 poles, TMD trip unit 63A, lugs/busbars

C11N3TM063B

Main

Range	ComPacT new generation
Product Name	ComPacT NSXm new generation
Range Of Product	ComPacT NSXm new generation
Device Short Name	NSXm 63N
Product Or Component Type	Circuit breaker
Device Application	Distribution
Poles Description	3P
Protected Poles Description	3D
[In] Rated Current	63 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 IEC 60947-2
Utilisation Category	Category A
[Icu] Rated Ultimate Short-Circuit Breaking Capacity	90 kA Icu at 220...240 V AC 50/60 Hz conforming to IEC 60947-2 50 kA Icu at 380...415 V AC 50/60 Hz conforming to IEC 60947-2 50 kA Icu at 440 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 15 kA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2 10 kA Icu at 660...690 V AC 50/60 Hz conforming to IEC 60947-2
Performance Level	N 50 kA 415 V AC
Trip Unit Name	TM-D
Trip Unit Technology	Thermal-magnetic
Trip Unit Protection Functions	LI
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
[Ics] Rated Service Short-Circuit Breaking Capacity	90 kA at 220...240 V AC 50/60 Hz conforming to IEC 60947-2 50 kA at 380...415 V AC 50/60 Hz conforming to IEC 60947-2 50 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 25 kA at 500 V AC 50/60 Hz conforming to IEC 60947-2 15 kA at 525 V AC 50/60 Hz conforming to IEC 60947-2 2.5 kA at 660...690 V AC 50/60 Hz conforming to IEC 60947-2

Mechanical Durability	20000 cycles
Electrical Durability	20000 cycles at 440 V In/2
	10000 cycles at 440 V In
	10000 cycles at 690 V In/2
	5000 cycles at 690 V In
Power Dissipation Per Pole	5.58 W
Mounting Support	Backplate
Mounting Position	Horizontal and vertical
	Flat on the back
Upside Connection	Front
Downside Connection	Front
Connection Terminals	compression lug/busbar
Connection Pitch	35 mm with spreaders
	27 mm without spreaders
9 Mm Pitches	9 module
Trip Unit Rating	63 A at 40 °C
Long-Time Pick-Up Adjustment Type Ir (Thermal Protection)	Adjustable
[Ir] Long-Time Protection Pick-Up Adjustment Range	0.7...1 x In
Long-Time Protection Delay Adjustment Type Tr	Fixed
Instantaneous Protection Pick-Up Adjustment Type Ii	Fixed
[Ii] Instantaneous Protection Pick-Up Adjustment Range	800 A
Earth-Leakage Protection	Without
Number Of Slots For Electrical Auxiliaries	1 slot(s) for auxiliary switch OF
	1 slot(s) for alarm switch SD
	1 slot(s) for voltage release MN or MX
Local Signalling	Flag (green) for presence of auxiliary contacts
Width (W)	81 mm
Height (H)	137 mm
Depth (D)	80 mm
Net Weight	1.06 kg
Colour	Grey (RAL 7016)

Environment

Standards	EN/IEC 60947
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	-25…70 °C
Ambient Air Temperature For Storage	-50…85 °C
Relative Humidity	0…95 %
Operating Altitude	2000 m without derating
	5000 m with derating

Packing Units

Life Is On | Schneider Electric

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	9 cm
Package 1 Width	13 cm
Package 1 Length	22 cm
Package 1 Weight	1.3 kg
Unit Type Of Package 2	S03
Number Of Units In Package 2	9
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	12.29 kg
Unit Type Of Package 3	P12
Number Of Units In Package 3	216
Package 3 Height	150 cm
Package 3 Width	80 cm
Package 3 Length	120 cm
Package 3 Weight	304.89 kg

Sustainability ![Green Premium]

Green Premium[TM] **label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Learn more >

RoHS/REACh

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information   Yes

✓ Halogen Free Plastic Parts Product

Certifications & Standards

Reach Regulation   REACh Declaration

Eu Rohs Directive   Compliant

EU RoHS Declaration

China Rohs Regulation   China RoHS declaration

Product out of China RoHS scope. Substance declaration for your information

Circularity Profile   No need of specific recycling operations