Product datasheet

Specifications





① Discontinued

circuit breaker ComPact NSX250F, 36 kA at 415 VAC, TMD trip unit 250 A, 4 poles 4d

LV431650

() Discontinued on: 15 Jun 2023

Price: 15,645.68 ZAR

Main

Range	ComPact
Product Name	ComPact NSX
Range Of Product	ComPact NSX100250
Device Short Name	NSX250F
Product Or Component Type	Circuit breaker
Device Application	Distribution
Number Of Poles	4P
Protected Poles Description	4t
Neutral Position	Left
[In] Rated Current	250 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	85 kA at 240 V AC 50/60 Hz conforming to UL 508 22 kA lcu at 525 V AC 50/60 Hz conforming to IEC 60947-2 35 kA lcu at 440 V AC 50/60 Hz conforming to IEC 60947-2 36 kA lcu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 8 kA lcu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2 85 kA lcu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 35 kA at 480 V AC 50/60 Hz conforming to UL 508 30 kA lcu at 500 V AC 50/60 Hz conforming to IEC 60947-2 15 kA at 600 V AC 50/60 Hz conforming to UL 508
Performance Level	F 36 kA 415 V AC
Trip Unit Name	TM-D
Trip Unit Technology	Thermal-magnetic
Trip Unit Protection Functions	L
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

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

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 85 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 22 kA at 525 V AC 50/60 Hz conforming to IEC 60947-2 30 kA at 500 V AC 50/60 Hz conforming to IEC 60947-2 8 kA at 660/690 V AC 50/60 Hz conforming to IEC 60947-2
20000 cycles
5000 cycles at 690 V In 10000 cycles at 690 V In/2 10000 cycles at 440 V In 20000 cycles at 440 V In/2
Backplate
Front
Front
35 mm
L : for overload protection (thermal) I : for short-circuit protection (magnetic)
250 A at 40 °C
Adjustable
0.71 x ln
Fixed
120400 s at 1.5 x ln 15 s at 6 x lr
Adjustable
510 x ln
Fixed
Without
1 x lr (4t)
5 slot(s)
140 mm
161 mm
86 mm
2.8 kg

Environment

Standards	EN/IEC 60947
Product Certifications	CCC Marine EAC
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	14.224 cm
Package 1 Width	14.732 cm
Package 1 Length	19.05 cm
Package 1 Weight	2.644 kg
Unit Type Of Package 2	S04
Number Of Units In Package 2	9
Package 2 Height	30 cm
Package 2 Width	40 cm
Package 2 Length	60 cm
Package 2 Weight	24.647 kg

Contractual warranty

Warranty

18 months

Sustainability Screen

Green PremiumTM label is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >



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