Product data sheet





Circuit breaker, ComPact NSX250F, 36kA/415VAC, TMD trip unit 200A, 3 poles 3d

LV431631

! Discontinued on: Jun 15, 2023

(!) Discontinued

Product availability: Non-Stock - Not normally stocked in distribution facility

Important message: This product has been switched to new ComPacT range and is no longer commercialized.

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	3P
Protected Poles Description	3t
Line Rated Current	200 A 104 °F (40 °C)
[Ue] Rated Operational Voltage	690 V AC 50/60 Hz
Network Type	AC
Network Frequency	50/60 Hz
Suitability For Isolation	Yes EN/IEC 60947-2
Utilisation Category	Category A
[Icu] Rated Ultimate Short-Circuit Breaking Capacity	85 kA 240 V AC 50/60 Hz UL 508 22 kA Icu 525 V AC 50/60 Hz IEC 60947-2 35 kA Icu 440 V AC 50/60 Hz IEC 60947-2 36 kA Icu 380/415 V AC 50/60 Hz IEC 60947-2 8 kA Icu 660/690 V AC 50/60 Hz IEC 60947-2 85 kA Icu 220/240 V AC 50/60 Hz IEC 60947-2 35 kA 480 V AC 50/60 Hz UL 508 30 kA Icu 500 V AC 50/60 Hz IEC 60947-2 15 kA 600 V AC 50/60 Hz UL 508
Performance Level	F 36 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

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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[Uimp] Rated Impulse Withstand Voltage	8 kV
[lcs] Rated Service Short-Circuit Breaking Capacity	35 kA 440 V AC 50/60 Hz IEC 60947-2 36 kA 380/415 V AC 50/60 Hz IEC 60947-2 85 kA 220/240 V AC 50/60 Hz IEC 60947-2 22 kA 525 V AC 50/60 Hz IEC 60947-2 30 kA 500 V AC 50/60 Hz IEC 60947-2 8 kA 660/690 V AC 50/60 Hz IEC 60947-2
Mechanical Durability	20000 cycles
Electrical Durability	5000 cycles 690 V In 10000 cycles 690 V In/2 10000 cycles 440 V In 20000 cycles 440 V In/2
Mounting Support	Backplate
Upside Connection	Front
Downside Connection	Front
Connection Pitch	1.38 in (35 mm)
Protection Type	L : for overload protection (thermal) I : for short-circuit protection (magnetic)
Trip Unit Rating	200 A 104 °F (40 °C)
Long-Time Pick-Up Adjustment Type Ir (Thermal Protection)	Adjustable
[Ir] Long-Time Protection Pick-Up Adjustment Range	0.71 x ln
Long-Time Protection Delay Adjustment Type Tr	Fixed
[Tr] Long-Time Protection Delay Adjustment Range	120400 s 1.5 x ln 15 s 6 x lr
Short-Time Protection Pick-Up Adjustment Type Isd	Adjustable
[Isd] Short-Time Protection Pick- Up Adjustment Range	510 x In
Short-Time Protection Delay Adjustment Type Tsd	Fixed
Earth-Leakage Protection	Without
Number Of Slots For Electrical Auxiliaries	5
Width (W)	4.13 in (105 mm)
Height (H)	6.34 in (161 mm)
Depth (D)	3.39 in (86 mm)
Net Weight	5.29 lb(US) (2.4 kg)

Environment

Standards	EN/IEC 60947
Product Certifications	Marine
	CCC EAC
Overvoltage Category	Class II
Electrical Shock Protection Class	Class II
Pollution Degree	3 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	-13158 °F (-2570 °C)

Ambient Air Temperature For Storage	-58185 °F (-5085 °C)
Relative Humidity	095 %
Operating Altitude	06561.68 ft (02000 m) without derating 2000 m5000 m with derating

Ordering and shipping details

Category	US10DE201101
Discount Schedule	0DE2
Gtin	3606480014192
Returnability	No
Country Of Origin	Pi

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	5.51 in (14 cm)
Package 1 Width	4.53 in (11.5 cm)
Package 1 Length	7.48 in (19 cm)
Package 1 Weight	4.42 lb(US) (2.003 kg)
Unit Type Of Package 2	S04
Number Of Units In Package 2	12
Package 2 Height	11.81 in (30 cm)
Package 2 Width	15.75 in (40 cm)
Package 2 Length	23.62 in (60 cm)
Package 2 Weight	54.68 lb(US) (24.802 kg)

Contractual warranty

Warranty 18 months

Sustainability Screen Premium

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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
California Proposition 65	WARNING: This product can expose you to chemicals including: DINP, which is known to the State of California to cause cancer, and DIDP, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

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