

# Product datasheet

Specifications



## Circuit breaker, ComPact NSX250N AC, 25kA/240VAC, TMD trip unit 250A, 1 pole 1d

LV438695

Discontinued on: Jun 15, 2023 AD

Discontinued

### Main

Range	ComPact
Product Name	ComPact NSX
Range Of Product	ComPact NSX100...250
Device Short Name	NSX250N
Product Or Component Type	Circuit breaker
Device Application	Distribution
Number Of Poles	1P
Protected Poles Description	1t
[In] Rated Current	250 A at 40 °C
[Ue] Rated Operational Voltage	277 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	25 kA Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2
Performance Level	N 25 kA 240 V AC
Trip Unit Name	TM-D
Trip Unit Technology	Thermal-magnetic
Control Type	Toggle
Circuit Breaker Mounting Mode	Fixed

### Complementary

[Uij] Rated Insulation Voltage	750 V AC 50/60 Hz conforming to IEC 60947-2
[Uimp] Rated Impulse Withstand Voltage	8 kV conforming to IEC 60947-2
[Ics] Rated Service Short-Circuit Breaking Capacity	25 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2
Mechanical Durability	10000 cycles
Electrical Durability	5000 cycles at 440 V In 10000 cycles at 440 V In/2
Mounting Support	Backplate
Upside Connection	Front

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Downside Connection	Front
Connection Pitch	35 mm
Protection Type	for overload protection (thermal) for short-circuit protection (magnetic)
Trip Unit Rating	250 A at 40 °C
Long-Time Pick-Up Adjustment Type Ir (Thermal Protection)	Fixed
[Ir] Long-Time Protection Pick-Up Adjustment Range	1 In
[Im] Magnetic Protection Pick-Up Range	850 A
Earth-Leakage Protection	Without
Width (W)	35 mm
Height (H)	161 mm
Depth (D)	86 mm

## 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	-25...70 °C
Ambient Air Temperature For Storage	-50...85 °C
Relative Humidity	0...95 %
Operating Altitude	0...2000 m without derating 2000 m...5000 m with derating

## Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	4.3 cm
Package 1 Width	13.0 cm
Package 1 Length	17.5 cm
Package 1 Weight	775.0 g

## Contractual warranty

Warranty	18 months
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Sustainability



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Transparency   RoHS/REACH

Well-being performance

 Mercury Free

 RoHS Exemption Information   [Yes](#)

Certifications & Standards

Reach Regulation	<a href="#">REACH Declaration</a>
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>