

# Product data sheet

Specifications



## Circuit breaker, ComPact NSX400F DC, 36kA/750VDC, TM-DC trip unit, 400A rating, 4 poles

LV438262

 **Discontinued on:** Oct 26, 2023

 **Discontinued**

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

### Main

Range	ComPact
Product Name	ComPact NSX DC
Range Of Product	ComPact NSX400...630 DC
Device Short Name	NSX400F DC
Product Or Component Type	Circuit breaker
Device Application	Distribution
Number Of Poles	4P
Protected Poles Description	4t
Neutral Position	Left
[In] Rated Current	400 A at 40 °C
[Ue] Rated Operational Voltage	750 V DC
Network Type	DC
Suitability For Isolation	Yes conforming to EN/IEC 60947-2
Utilisation Category	Category A
[Icu] Rated Ultimate Short-Circuit Breaking Capacity	36 kA Icu at 250 V DC 1P conforming to IEC 60947-2 36 kA Icu at 500 V DC 2P conforming to IEC 60947-2 36 kA Icu at 750 V DC 3P conforming to IEC 60947-2 36 kA Icu at 750 V DC 4P conforming to IEC 60947-2
Performance Level	F 36 kA 750 V DC
Trip Unit Name	TM-DC
Trip Unit Technology	Thermal-magnetic
Control Type	Toggle
Circuit Breaker Mounting Mode	Fixed

### Complementary

[Uij] Rated Insulation Voltage	750 V DC conforming to IEC 60947-2
[Uimp] Rated Impulse Withstand Voltage	8 kV conforming to IEC 60947-2
[Ics] Rated Service Short-Circuit Breaking Capacity	36 kA at 750 V DC conforming to IEC 60947-2
Mechanical Durability	5000 cycles
Electrical Durability	1000 cycles at 750 V In 2000 cycles at 750 V In/2

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

Mounting Support	Backplate
Upside Connection	Front
Downside Connection	Front
Connection Pitch	45 mm
Protection Type	L : for overload protection (thermal) I : for short-circuit protection (magnetic)
Trip Unit Rating	400 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
Earth-Leakage Protection	Without
Number Of Slots For Electrical Auxiliaries	6 slot(s)
Width (W)	185 mm
Height (H)	255 mm
Depth (D)	110 mm
Net Weight	7.9 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	-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	15.0 cm
Package 1 Width	20.0 cm
Package 1 Length	29.5 cm
Package 1 Weight	7.225 kg

## Sustainability

**Green Premium™ 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<sub>2</sub> 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 >](#)



RoHS/REACH

## Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

## Certifications & Standards

Eu Rohs Directive	Compliant
	<a href="#">EU RoHS Declaration</a>

China Rohs Regulation	<a href="#">China RoHS declaration</a>
	Product out of China RoHS scope. Substance declaration for your information

Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
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