

# Product datasheet

Specifications



## Circuit breaker ComPacT NSX250F, 36kA at 415VAC, TMD trip unit 200A, 50 degrees C, 3 poles 3D

C25F3TM200C

### Main

Range	ComPacT new generation
Product Name	ComPacT NSX new generation
Device Short Name	NSX250F
Product Or Component Type	Circuit breaker
Device Application	Distribution
Poles Description	3P
Protected Poles Description	3D
[In] Rated Current	200 A at 50 °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 Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 36 kA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 35 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 30 kA Icu at 500 V AC 50/60 Hz conforming to IEC 60947-2 22 kA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2 8 kA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2
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
[Uimp] Rated Impulse Withstand Voltage	8 kV
[Ics] Rated Service Short-Circuit Breaking Capacity	85 kA at 220/240 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 35 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 30 kA at 500 V AC 50/60 Hz conforming to IEC 60947-2 22 kA at 525 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

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

<b>Mechanical Durability</b>	20000 cycles
<b>Electrical Durability</b>	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
<b>Power Dissipation Per Pole</b>	15.4 W
<b>Mounting Support</b>	Backplate
<b>Mounting Position</b>	Horizontal and vertical Flat on the back
<b>Upside Connection</b>	Front
<b>Downside Connection</b>	Front
<b>Connection Pitch</b>	35 mm
<b>Protection Type</b>	L : for overload protection (thermal) I : for short-circuit protection (magnetic)
<b>Trip Unit Rating</b>	200 A at 50 °C
<b>Long-Time Pick-Up Adjustment Type Ir (Thermal Protection)</b>	Adjustable
<b>[Ir] Long-Time Protection Pick-Up Adjustment Range</b>	0.7...1 x In
<b>Long-Time Protection Delay Adjustment Type Tr</b>	Fixed
<b>[Tr] Long-Time Protection Delay Adjustment Range</b>	120...400 s at 1.5 x In 15 s at 6 x Ir
<b>Instantaneous Protection Pick-Up Adjustment Type Ii</b>	Adjustable
<b>[Ii] Instantaneous Protection Pick-Up Adjustment Range</b>	5...10 x In
<b>Earth-Leakage Protection</b>	Without
<b>Number Of Slots For Electrical Auxiliaries</b>	5 slot(s)
<b>Width (W)</b>	105 mm
<b>Height (H)</b>	161 mm
<b>Depth (D)</b>	86 mm
<b>Net Weight</b>	2.4 kg

## Environment

<b>Standards</b>	EN/IEC 60947
<b>Product Certifications</b>	Marine CCC EAC
<b>Overvoltage Category</b>	Class II
<b>Electrical Shock Protection Class</b>	Class II
<b>Pollution Degree</b>	3 conforming to IEC 60664-1
<b>Ip Degree Of Protection</b>	IP40 conforming to IEC 60529
<b>Ik Degree Of Protection</b>	IK07 conforming to IEC 62262
<b>Ambient Air Temperature For Operation</b>	-25...70 °C
<b>Ambient Air Temperature For Storage</b>	-50...85 °C
<b>Relative Humidity</b>	0...95 %
<b>Operating Altitude</b>	0...2000 m without derating 2000 m...5000 m with derating

# Packing Units

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Unit Type Of Package 1	PCE
Number Of Units In Package 1	1

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## 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 >](#)



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](#)

Circularity Profile [End of Life Information](#)