

Product datasheet

Specifications



Circuit breaker ComPacT
NSX250F. 36kA at 415VAC. MA
trip unit 150A. 3 poles 3d

C25F3MA150

Price: 8,297.02 ZAR

Main

Range	ComPacT new generation
Product Name	ComPacT NSX new generation
Device Short Name	NSX250F
Product Or Component Type	Circuit breaker
Device Application	Motor protection
Poles Description	3P
Protected Poles Description	3D
[In] Rated Current	150 A at 65 °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 35 kA at 480 V AC 50/60 Hz conforming to UL 508 15 kA at 600 V AC 50/60 Hz conforming to UL 508
Performance Level	F 36 kA 415 V AC
Trip Unit Name	MA
Trip Unit Technology	Magnetic
Trip Unit Protection Functions	I
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 and subject to change. Please check with your local distributor through "Where to buy"

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

Mechanical Durability	20000 cycles
Electrical Durability	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
Power Dissipation Per Pole	8.55 W
Mounting Support	Backplate
Mounting Position	Horizontal and vertical Flat on the back
Upside Connection	Front
Downside Connection	Front
Connection Pitch	35 mm
Protection Type	I : for short-circuit protection (magnetic)
Trip Unit Rating	150 A at 65 °C
Short-Time Protection Pick-Up Adjustment Type Isd	Adjustable
[Isd] Short-Time Protection Pick-Up Adjustment Range	9...14 x In
Instantaneous Protection Pick-Up Adjustment Type Ii	Adjustable 9 settings
[Ii] Instantaneous Protection Pick-Up Adjustment Range	9...14 x In
Earth-Leakage Protection	Without
Number Of Slots For Electrical Auxiliaries	5 slot(s)
Width (W)	105 mm
Height (H)	161 mm
Depth (D)	86 mm
Net Weight	2.4 kg

Environment

Standards	EN/IEC 60947
Product Certifications	EAC Marine CCC
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	14 cm
Package 1 Width	15 cm
Package 1 Length	19 cm
Package 1 Weight	2.019 kg
Unit Type Of Package 2	S03
Number Of Units In Package 2	4
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	8.076 kg
Unit Type Of Package 3	P12
Number Of Units In Package 3	72
Package 3 Height	150 cm
Package 3 Width	80 cm
Package 3 Length	120 cm
Package 3 Weight	145.45 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-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

✓

Pvc Free

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](#)