Product datasheet

Specifications

Green Premium™

Circuit breaker basic frame, ComPact NSX400F, 36kA at 415VAC 50/60 Hz, 400A, without trip unit, 3 poles

LV432413

⚠ Discontinued

ⓘ Discontinued on: 15 Jun 2023

Main

Range	ComPact
Range Of Product	ComPact NSX400...630
Device Short Name	NSX400F
Product Or Component Type	Basic frame
Device Application	Distribution
Circuit Breaker Name	Compact NSX400F
Number Of Poles	3P
[In] Rated Current	400 A at 40 °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 at 240 V AC 50/60 Hz conforming to UL 508 25 kA Icu at 500 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 10 kA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2 40 kA Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 35 kA at 480 V AC 50/60 Hz conforming to UL 508 20 kA at 600 V AC 50/60 Hz conforming to UL 508 20 kA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2 30 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2
Performance Level	F 36 kA 415 V AC
Control Type	Toggle
Mounting Mode	Fixed

Complementary

[Ui] Rated Insulation Voltage	800 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	36 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 10 kA at 660/690 V AC 50/60 Hz conforming to IEC 60947-2 40 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 10 kA at 525 V AC 50/60 Hz conforming to IEC 60947-2 25 kA at 500 V AC 50/60 Hz conforming to IEC 60947-2 30 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2
Mechanical Durability	15000 cycles conforming to IEC 60947-2

Electrical Durability	12000 cycles 440 V AC 50/60 Hz In/2 conforming to IEC 60947-2
	3000 cycles 690 V AC 50/60 Hz In conforming to IEC 60947-2
	6000 cycles 440 V AC 50/60 Hz In conforming to IEC 60947-2
	6000 cycles 690 V AC 50/60 Hz In/2 conforming to IEC 60947-2
Mounting Support	Backplate
Upside Connection	Front
Downside Connection	Front
Connection Pitch	45 mm
Protection Type	Without protection
Width (W)	140 mm
Height (H)	255 mm
Depth (D)	110 mm

Environment

Standards	EN/IEC 60947-2
	UL 508
Product Certifications	UL
	CSA
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

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	15.000 cm
Package 1 Width	15.500 cm
Package 1 Length	29.000 cm
Package 1 Weight	4.400 kg
Unit Type Of Package 2	P12
Number Of Units In Package 2	36
Package 2 Height	42.000 cm
Package 2 Width	80.000 cm
Package 2 Length	120.000 cm
Package 2 Weight	174.000 kg

Contractual warranty

Warranty	18 months

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Sustainability ![Green Premium]

Green Premium^{TM} 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_2 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

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