

Product datasheet

Specifications



circuit breaker basic frame, ComPact NSX400N, 50 kA at 415 VAC 50/60 Hz, 400 A, without trip unit, 3 poles

Local distributor code:

391356612

LV432403

! Discontinued

! Discontinued on: 9 Aug 2023

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

EAN Code: 3606480006890

Main

Range	ComPact
Range of product	ComPact NSX400...630
Device short name	NSX400N
Product or component type	Basic frame
Device application	Distribution
Circuit breaker name	Compact NSX400N
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 22 kA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2 85 kA Icu at 220/240 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 50 kA at 480 V AC 50/60 Hz conforming to UL 508 50 kA Icu at 380/415 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 20 kA at 600 V AC 50/60 Hz conforming to UL 508 42 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2
Performance level	N 50 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	11 kA at 525 V AC 50/60 Hz conforming to IEC 60947-2 85 kA at 220/240 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 50 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 30 kA at 500 V AC 50/60 Hz conforming to IEC 60947-2 42 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	CSA UL
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	16.600 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	50.000 cm
Package 2 Width	80.000 cm
Package 2 Length	120.000 cm
Package 2 Weight	171.624 kg

Contractual warranty

Warranty

18 months

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint

Total lifecycle Carbon footprint 795

Environmental Disclosure [Product Environmental Profile](#)

Use Better

Materials and Substances

[EU RoHS Directive](#) Compliant with Exemptions

SCIP Number F39f3e32-d9d5-4ce0-a6db-6568e926c730

Use Again

Repack and remanufacture

End of life manual availability [End of Life Information](#)

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