

LV432413

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



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
Line Rated Current	400 A 104 °F (40 °C)
[Ue] rated operational voltage	690 V AC 50/60 Hz
Network type	AC
Network Frequency	50/60 Hz
Suitability for isolation	Yes EN/IEC 60947-2
Utilisation category	Category A
[Icu] rated ultimate short-circuit breaking capacity	85 KA 240 V AC 50/60 Hz UL 508 25 KA Icu 500 V AC 50/60 Hz IEC 60947-2 36 KA Icu 380/415 V AC 50/60 Hz IEC 60947-2 10 KA Icu 660/690 V AC 50/60 Hz IEC 60947-2 40 KA Icu 220/240 V AC 50/60 Hz IEC 60947-2 35 KA 480 V AC 50/60 Hz UL 508 20 KA 600 V AC 50/60 Hz UL 508 20 KA Icu 525 V AC 50/60 Hz IEC 60947-2 30 kA Icu 440 V AC 50/60 Hz 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 IEC 60947-2
[Uimp] rated impulse withstand voltage	8 kVIEC 60947-2
[Ics] rated service short-circuit breaking capacity	36 KA 380/415 V AC 50/60 Hz IEC 60947-2 10 KA 660/690 V AC 50/60 Hz IEC 60947-2 40 KA 220/240 V AC 50/60 Hz IEC 60947-2 10 KA 525 V AC 50/60 Hz IEC 60947-2 25 KA 500 V AC 50/60 Hz IEC 60947-2 30 kA 440 V AC 50/60 Hz IEC 60947-2
Mechanical durability	15000 cycles IEC 60947-2
Electrical durability	12000 Cycles 440 V AC 50/60 Hz In/2 IEC 60947-2 3000 Cycles 690 V AC 50/60 Hz In IEC 60947-2 6000 Cycles 440 V AC 50/60 Hz In IEC 60947-2 6000 cycles 690 V AC 50/60 Hz In/2 IEC 60947-2
Mounting Support	Backplate
Upside connection	Front
Downside connection	Front
Connection pitch	1.77 in (45 mm)
Protection Type	Without protection
Width (W)	5.51 in (140 mm)
Height (H)	10.04 in (255 mm)
Depth (D)	4.33 in (110 mm)

Environment

Standards	EN/IEC 60947-2 UL 508
Product Certifications	UL CSA
Pollution degree	3 IEC 60664-1
IP degree of protection	IP40 conforming to IEC 60529
IK degree of protection	IK07 IEC 62262
Ambient Air Temperature for Operation	-13...158 °F (-25...70 °C)
Ambient Air Temperature for Storage	-58...185 °F (-50...85 °C)

Ordering and shipping details

Category	01101-NF...E COMPACT NS IEC CIRCUIT BREAKERS, SWITCHES & MCP'S
Discount Schedule	DE2
GTIN	3606480006876
Returnability	No
Country of origin	IT

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.91 in (15.000 cm)
Package 1 Width	6.10 in (15.500 cm)
Package 1 Length	11.42 in (29.000 cm)
Package 1 Weight	9.70 lb(US) (4.400 kg)
Unit Type of Package 2	P12
Number of Units in Package 2	36
Package 2 Height	16.54 in (42.000 cm)
Package 2 Width	31.50 in (80.000 cm)
Package 2 Length	47.24 in (120.000 cm)
Package 2 Weight	383.60 lb(US) (174.000 kg)

Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov
REACH Regulation	 REACH Declaration
EU RoHS Directive	Compliant  EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	 China RoHS Declaration
RoHS exemption information	 Yes
Environmental Disclosure	 Product Environmental Profile
Circularity Profile	 End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Contractual warranty

Warranty	18 months
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