

LV432810

circuit breaker basic frame, ComPact
NSX630L, 150 kA at 415 VAC 50/60 Hz, 630 A,
without trip unit, 4 poles



Main

Range	ComPact
Range of product	ComPact NSX400...630
Device short name	Compact NSX630L
Product or component type	Basic frame
Device application	Distribution
Circuit breaker name	Compact NSX630L
Number of poles	4P
Neutral position	Left
[In] rated current	630 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	130 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 150 KA Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 150 KA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 50 KA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2 70 KA Icu at 500 V AC 50/60 Hz conforming to IEC 60947-2 35 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2
Performance level	L 150 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	130 KA at 440 V AC 50/60 Hz conforming to IEC 60947-2 150 KA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 150 KA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 70 KA at 500 V AC 50/60 Hz conforming to IEC 60947-2 12 KA at 525 V AC 50/60 Hz conforming to IEC 60947-2 12 KA at 660/690 V AC 50/60 Hz conforming to IEC 60947-2
Mechanical durability	15000 cycles conforming to IEC 60947-2
Electrical durability	6000 Cycles 690 V AC 50/60 Hz In/2 conforming to IEC 60947-2 2000 Cycles 690 V AC 50/60 Hz In conforming to IEC 60947-2 4000 Cycles 440 V AC 50/60 Hz In conforming to IEC 60947-2 8000 cycles 440 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)	185 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 Weight	6.078 kg
Package 1 Height	15.5 cm
Package 1 width	20 cm
Package 1 Length	30 cm
Unit Type of Package 2	S04
Number of Units in Package 2	3
Package 2 Weight	19 kg
Package 2 Height	30 cm
Package 2 width	40 cm
Package 2 Length	60 cm
Unit Type of Package 3	P12
Number of Units in Package 3	28
Package 3 Weight	182.184 kg
Package 3 Height	62.5 cm
Package 3 width	80 cm
Package 3 Length	120 cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
EU RoHS Directive	Compliant  EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	 Yes
China RoHS Regulation	 China RoHS Declaration
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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