Product datasheet

Specifications

Discontinued

LV429005 - Circuit breaker basic frame. Compact NSX100L. 150 kA at 415 VAC 50/60 Hz. 100 A. without trip unit. 3 poles

LV429005

Discontinued on: 26 Mar 2024

Price: 4,432.09 ZAR

Main

Range	ComPact
Range Of Product	ComPact NSX100...250
Device Short Name	Compact NSX100L
Product Or Component Type	Basic frame
Device Application	Distribution
Circuit Breaker Name	Compact NSX100L
Number Of Poles	3P
[In] Rated Current	100 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 20 kA Icu at 660/690 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
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 20 kA at 660/690 V AC 50/60 Hz conforming to IEC 60947-2 50 kA at 525 V AC 50/60 Hz conforming to IEC 60947-2 70 kA at 500 V AC 50/60 Hz conforming to IEC 60947-2
Mechanical Durability	50000 cycles conforming to IEC 60947-2

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

Electrical Durability	10000 cycles 690 V AC 50/60 Hz In conforming to IEC 60947-2 20000 cycles 690 V AC 50/60 Hz In/2 conforming to IEC 60947-2 30000 cycles 440 V AC 50/60 Hz In conforming to IEC 60947-2 50000 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	35 mm
Protection Type	Without protection
Width (W)	105 mm
Height (H)	161 mm
Depth (D)	86 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	13.5 cm
Package 1 Width	14 cm
Package 1 Length	19 cm
Package 1 Weight	1.438 kg
Unit Type Of Package 2	S04
Number Of Units In Package 2	15
Package 2 Height	30 cm
Package 2 Width	40 cm
Package 2 Length	60 cm
Package 2 Weight	22.336 kg

Contractual warranty

Warranty	18 months

Sustainability

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 >

Well-being performance

Mercury Free	
Rohs Exemption Information	Yes

Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins