Product datasheet

Specifications

Green Premium™

Circuit breaker frame, ComPact NS630bLB, 200kA/415VAC, 630A, withdrawable, manually operated, without trip unit, 4P

48971

To be discontinued

Discontinued on: 23 Jul 2021

Main

Range	ComPact
Range Of Product	ComPact NS630b...1600
Device Short Name	Compact NS630bLB
Product Or Component Type	Basic frame
Device Application	Distribution
Number Of Poles	4P
Neutral Position	Left
[In] Rated Current	630 A at 50 °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	200 kA Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 200 kA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 200 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 75 kA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2 100 kA Icu at 500/525 V AC 50/60 Hz conforming to IEC 60947-2
Performance Level	LB 200 kA 415 V AC
Control Type	Toggle Rotary handle
Mounting Mode	Drawout

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	200 kA at 220/240 V AC 50/60 Hz conforming to EN 60947-2 (manual operation) 200 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 (manual operation) 200 kA at 380/415 V AC 50/60 Hz conforming to EN 60947-2 (manual operation) 75 kA at 660/690 V AC 50/60 Hz conforming to IEC 60947-2 (manual operation) 100 kA at 500/525 V AC 50/60 Hz conforming to EN 60947-2 (manual operation)
Mechanical Durability	10000 cycles conforming to IEC 60947-2

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Electrical Durability	2000 cycles 690 V In conforming to IEC 60947-2 3000 cycles 440 V In conforming to IEC 60947-2 3000 cycles 690 V In/2 conforming to IEC 60947-2 4000 cycles 440 V In/2 conforming to IEC 60947-2
Power Losses	34 W
Mounting Support	Backplate
Connection Pitch	70 mm
Protection Type	Without protection
Height (H)	327 mm
Width (W)	280 mm
Depth (D)	147 mm

Environment

Standards	IEC 60947-2
Product Certifications	ASTA LCIE ASEFA
Pollution Degree	3 conforming to IEC 60947
Ip Degree Of Protection	IP40 conforming to IEC 60529
Ik Degree Of Protection	IK07 conforming to EN 50102
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	5.0 cm
Package 1 Width	10.0 cm
Package 1 Length	20.0 cm
Package 1 Weight	15.322 kg

Contractual warranty

Warranty	18 months

Sustainability

Green Premium™ 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	Pro-active compliance (Product out of EU RoHS legal scope)
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information