Product datasheet





circuit breaker ComPact NS1000N. 50 kA at 415 VAC. Micrologic 5.0 trip unit. 1000 A. fixed.3 poles 3d

33558

! Discontinued on: 31 Mar 2024

! To be discontinued

Price: 69,539.01 ZAR

Main

Range	ComPact
Product Name	ComPact NS
Range Of Product	ComPact NS630b1600
Device Short Name	Compact NS1000N
Product Or Component Type	Circuit breaker
Device Application	Distribution
Number Of Poles	3P
Protected Poles Description	3D
(In) Rated Current Up To 65 °C	1000 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 B
[Icu] Rated Ultimate Short-Circuit Breaking Capacity	30 kA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2 50 kA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 50 kA Icu at 440 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 40 kA Icu at 500/525 V AC 50/60 Hz conforming to IEC 60947-2
Performance Level	N 50 kA 415 V AC
Trip Unit Name	MicroLogic 5.0
Trip Unit Technology	Electronic
Trip Unit Protection Functions	LSI
Control Type	Rotary handle Toggle
Circuit Breaker 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

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

(Ica) Rated Service Short-Circuit Breaking Capacity	fired peter to conduct of the other than	
S0 KA at 440 V AC 5060 Hz conforming to IEC 60947-2		40 kA at 500/525 V AC 50/60 Hz conforming to IEC 60947-2 50 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2
Depth Dept		· · · · · · · · · · · · · · · · · · ·
Electrical Durability 2000 cycles at 690 V In 4000 cycles at 690 V In 4000 cycles at 440 V In In 6000 cycles at 440 V In 6000 cycles at 4		19.2 kA 1 s conforming to IEC 60947-2
A000 cycles at 699 V In/2 5000 cycles at 440 V In/2	Mechanical Durability	10000 cycles
S000 cycles at 440 V in 6000	Electrical Durability	· · · · · · · · · · · · · · · · · · ·
Mounting Support Backplate		5000 cycles at 440 V In
Mounting Support Backplate Upside Connection Front Connection Pitch 70 mm Protection Type L: for overload protection (long time) S: for short time short-circuit protection E: for instantaneous Short-E: for Short-Time Protection Delay Adjustantent Type Isd E: Short-Time Protection Pick-Up Adjustantent Range D: Short-Time Protection Pick-Up Adjustantent Range D: Short-Time Protection Delay Adjustantent Range D: Short-Time Protection Pick-Up Adjusta		·
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Connection Pitch 70 mm Protection Type L: for overload protection (long time) S: for short time short-circuit protection 1: for instantaneous short-circuit protection 1: for instantaneous short-circuit protection 1: for instantaneous short-circuit protection Trip Unit Rating 1000 A at 50 °C Long-Time Pick-Up Adjustment Adjustable 9 settings Type Ir (Thernal Protection) It'] Long-Time Protection Pick-Up Adjustable 9 settings Adjustable 9 settings Adjus	Upside Connection	Front
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1: for instantaneous short-circuit protection	Protection Type	· · · · · · · · · · · · · · · · · · ·
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Environment

Standards EN/IEC 60947-2

Product Certifications	ASTA 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	-2570 °C
Ambient Air Temperature For Storage	-5085 °C
Relative Humidity	095 %
Operating Altitude	02000 m without derating 2000 m5000 m with derating

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	30.000 cm
Package 1 Width	40.000 cm
Package 1 Length	60.000 cm
Package 1 Weight	13.266 kg
Unit Type Of Package 2	P12
Number Of Units In Package 2	4
Package 2 Height	45.000 cm
Package 2 Width	80.000 cm
Package 2 Length	120.000 cm
Package 2 Weight	67.664 kg

Contractual warranty

Warranty 18 months

Sustainability Green Premium

Green PremiumTM **label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ 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	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	End of Life Information