Product data sheet

Specification





Circuit breaker frame, ComPact NS1250H, 70kA/415VAC, 1250A, fixed, electrically operated, without trip unit, 3P

33301

Main

Range	ComPacT
Range Of Product	ComPacT NS630b1600 new generation
Device Short Name	Compact NS1250H
Product Or Component Type	Basic frame
Device Application	Distribution
Number Of Poles	3P
[In] Rated Current	1250 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	42 kA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2 65 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 70 kA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 70 kA Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 50 kA Icu at 500/525 V AC 50/60 Hz conforming to IEC 60947-2
Performance Level	H 70 kA 415 V AC
Control Type	Electrically operated
Mounting Mode	Fixed

Complementary

[Ui] Rated Insulation Voltage	1000 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	30 kA at 500/525 V AC 50/60 Hz conforming to IEC 60947-2 (electrical operation) 22 kA at 660/690 V AC 50/60 Hz conforming to IEC 60947-2 (electrical operation) 37 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 (electrical operation) 37 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 (electrical operation) 37 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 (electrical operation)
[Icw] Rated Short-Time Withstand Current	19.2 kA 1 s conforming to IEC 60947-2
Integral Instant Protection	40 kA
Mechanical Durability	10000 cycles conforming to IEC 60947-2
Electrical Durability	2000 cycles 690 V AC 50/60 Hz In conforming to IEC 60947-2 3000 cycles 690 V AC 50/60 Hz In/2 conforming to IEC 60947-2 4000 cycles 440 V AC 50/60 Hz In conforming to IEC 60947-2 5000 cycles 440 V AC 50/60 Hz In/2 conforming to IEC 60947-2

List Price displayed is VAT EXCLUSIVE.

Apr 23, 2024



Power Losses	44 W
Mounting Support	Backplate
Connection Pitch	70 mm
Protection Type	Without protection
Height (H)	327 mm
Width (W)	210 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	-2570 °C
Ambient Air Temperature For Storage	-5085 °C

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	25.0 cm
Package 1 Width	40.0 cm
Package 1 Length	40.0 cm
Package 1 Weight	20.706 kg

Contractual warranty

Warranty 18 months



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Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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Guide to assess a product's sustainability >





Transparency RoHS/REACh

Well-being performance



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