Product datasheet





Circuit breaker frame, ComPact NS630bH, 70kA/415VAC, 630A, fixed, manually operated, without trip unit, 4P

33225

! Discontinued on: 31 Mar 2024

! To be discontinued

Main

Range	ComPact
Range Of Product	ComPact NS630b1600
Device Short Name	Compact NS630bH
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 B
[Icu] Rated Ultimate Short-Circuit Breaking Capacity	85 kA Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 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 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	Rotary handle 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	30 kA at 660/690 V AC 50/60 Hz conforming to IEC 60947-2 (manual operation) 40 kA at 500/525 V AC 50/60 Hz conforming to IEC 60947-2 (manual operation) 50 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 (manual operation) 50 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 (manual operation) 50 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 (manual 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

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Electrical Durability	2000 cycles 690 V AC 50/60 Hz In conforming to IEC 60947-2 4000 cycles 690 V AC 50/60 Hz In/2 conforming to IEC 60947-2 5000 cycles 440 V AC 50/60 Hz In conforming to IEC 60947-2 6000 cycles 440 V AC 50/60 Hz In/2 conforming to IEC 60947-2	
Power Losses	10 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	LCIE 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

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	37.0 cm
Package 1 Width	38.0 cm
Package 1 Length	30.0 cm
Package 1 Weight	14.731 kg

Contractual warranty

Warranty 18 months



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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