Product datasheet

Specifications





Circuit breaker frame, ComPact NS1600bH, 70kA/415VAC, 1600A, fixed, manually operated, without trip unit, 4P

34004

Main

Range	ComPact	
Range Of Product	ComPact NS1600b3200	
Device Short Name	Compact NS1600bH	
Product Or Component Type	Basic frame	
Device Application	Distribution	
Number Of Poles	4P	
Neutral Position	Left	
[In] Rated Current	1600 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	rt-Circuit 125 kA Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 85 kA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 85 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2	
Performance Level	H 70 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	64 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 (manual operation) 64 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 (manual operation) 94 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 (manual operation)	
[Icw] Rated Short-Time Withstand Current	32 kA 3 s conforming to IEC 60947-2	
Integral Instant Protection	130 kA	
Mechanical Durability	5000 cycles conforming to IEC 60947-2	
Electrical Durability	1000 cycles 690 V AC 50/60 Hz In conforming to IEC 60947-2 2000 cycles 440 V AC 50/60 Hz In conforming to IEC 60947-2 2000 cycles 690 V AC 50/60 Hz In/2 conforming to IEC 60947-2 3000 cycles 440 V AC 50/60 Hz In/2 conforming to IEC 60947-2	
Power Losses	84 W	

Mounting Support	Backplate
Upside Connection	Front
Downside Connection	Front
Connection Pitch	115 mm
Protection Type	Without protection
Height (H)	350 mm
Width (W)	535 mm
Depth (D)	160 mm

Environment

Standards	IEC 60947-2
Product Certifications	ASTA ASEFA LCIE
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	45.0 cm
Package 1 Width	60.0 cm
Package 1 Length	80.0 cm
Package 1 Weight	49.153 kg

Contractual warranty

Warranty

18 months

Sustainability Screen

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
Pvc Free

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