

# Product data sheet

Specifications



Circuit breaker frame, ComPact NS800H, 70kA/415VAC, 800A, withdrawable, manually operated, without trip unit, 4P

33335

! To be discontinued

! Discontinued on: Mar 31, 2024

## Main

Range	ComPact
Range Of Product	ComPact NS630b...1600
Device Short Name	Compact NS800H
Product Or Component Type	Basic frame
Device Application	Distribution
Number Of Poles	4P
Neutral Position	Left
[In] Rated Current	800 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	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	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

List Price displayed is VAT EXCLUSIVE.

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 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	30 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	ASEFA ASTA 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	-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	37.0 cm
Package 1 Width	38.0 cm
Package 1 Length	30.0 cm
Package 1 Weight	18.17 kg

## Contractual warranty

Warranty	18 months
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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<sub>2</sub> 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	<a href="#">REACH Declaration</a>
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	<a href="#">End of Life Information</a>