# **Product data sheet**

Specifications



① Discontinued

Circuit breaker basic frame, ComPact NSX160H, 70kA at 415VAC 50/60 Hz, 160A, without trip unit, 3 poles

LV430404

() Discontinued on: Jun 15, 2023

Product availability: Non-Stock - Not normally stocked in distribution facility Important message: This product has been switched to new ComPacT range and is no longer commercialized.

Main	
Range	ComPact
Range of Product	ComPact NSX100250
Device short name	NSX160H
Product or Component Type	Basic frame
Device Application	Distribution
Circuit breaker name	Compact NSX160H
Number of poles	3P
Line Rated Current	160 A 104 °F (40 °C)
[Ue] rated operational voltage	690 V AC 50/60 Hz
Network type	AC
Network Frequency	50/60 Hz
Suitability for isolation	Yes EN/IEC 60947-2
Utilisation category	Category A
[lcu] rated ultimate short-circuit breaking capacity	10 kA 600 V AC 50/60 Hz UL 508 85 kA 240 V AC 50/60 Hz UL 508 65 kA 480 V AC 50/60 Hz UL 508 10 kA Icu 660/690 V AC 50/60 Hz IEC 60947-2 100 kA Icu 220/240 V AC 50/60 Hz IEC 60947-2 35 kA Icu 220/240 V AC 50/60 Hz IEC 60947-2 50 kA Icu 525 V AC 50/60 Hz IEC 60947-2 50 kA Icu 500 V AC 50/60 Hz IEC 60947-2 65 kA Icu 440 V AC 50/60 Hz IEC 60947-2 70 kA Icu 380/415 V AC 50/60 Hz 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 IEC 60947-2
[Uimp] rated impulse withstand voltage	8 kVIEC 60947-2

Price is "List Price" and may be subject to a trade discount - check with your local distributor or retailer for actual price.

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[Ics] rated service short-circuit	10 kA 660/690 V AC 50/60 Hz IEC 60947-2	
breaking capacity	100 kA 220/240 V AC 50/60 Hz IEC 60947-2	
	35 kA 525 V AC 50/60 Hz IEC 60947-2	
	50 kA 500 V AC 50/60 Hz IEC 60947-2	
	65 kA 440 V AC 50/60 Hz IEC 60947-2	
	70 kA 380/415 V AC 50/60 Hz IEC 60947-2	
Mechanical durability	40000 cycles IEC 60947-2	
Electrical durability	40000 cycles 440 V AC 50/60 Hz In/2 IEC 60947-2	
	15000 cycles 690 V AC 50/60 Hz In/2 IEC 60947-2	
	20000 cycles 440 V AC 50/60 Hz In IEC 60947-2	
	7500 cycles 690 V AC 50/60 Hz In IEC 60947-2	
Mounting Support	Backplate	
Upside connection	Front	
Downside connection	Front	
Connection pitch	1.4 in (35 mm)	
Protection Type	Without protection	
Width (W)	4.1 in (105 mm)	
Height (H)	6.3 in (161 mm)	
Depth (D)	3.4 in (86 mm)	

#### Environment

Standards	EN/IEC 60947-2 UL 508
Product Certifications	CSA UL
Pollution degree	3 IEC 60664-1
IP degree of protection	IP40 conforming to IEC 60529
IK degree of protection	IK07 conforming to IEC 62262
Ambient air temperature for operation	-13158 °F (-2570 °C)
Ambient Air Temperature for Storage	-58185 °F (-5085 °C)

## Ordering and shipping details

Category	US10DE201101	
Discount Schedule	0DE2	
GTIN	3606480006661	
Returnability	No	
Country of origin	PL	

## **Packing Units**

V	
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.43 in (13.8 cm)
Package 1 Width	4.49 in (11.4 cm)
Package 1 Length	7.48 in (19 cm)
Package 1 Weight	3.298 lb(US) (1.496 kg)
Unit Type of Package 2	S04

Number of Units in Package 2	15
Package 2 Height	11.81 in (30 cm)
Package 2 Width	15.75 in (40 cm)
Package 2 Length	23.62 in (60 cm)
Package 2 Weight	51.161 lb(US) (23.206 kg)

## **Contractual warranty**

Warranty

18 months

### C Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

#### Environmental Data explained >

How we assess product sustainability  $\geq$ 

earrow Environmental footprint	
Carbon footprint (kg CO2 eq, Total Life cycle)	365
Environmental Disclosure	Product Environmental Profile

#### **Use Better**

${}^{\ensuremath{\otimes}}$ Materials and Substances	
EU RoHS Directive	Compliant with Exemptions
SCIP Number	206b752d-15ab-4228-8cd8-4e338f718b28
California proposition 65	WARNING: This product can expose you to chemicals including: DINP, which is known to the State of California to cause cancer, and DIDP, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
Use Again	

$\circlearrowright$ Repack and remanufacture	
Circularity Profile	End of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.