

Circuit breaker basic frame, ComPacT NSX160B, 25kA at 415VAC 50/60 Hz, 160A, without trip unit, 4 poles

C16B4

Main

Range	ComPacT	
product name	ComPacT NSX	
Device short name	NSX160B	
Product or component type	Basic frame	
Device application	Distribution	
Poles description	4P	
Neutral position	Left	
[In] rated current	160 A at 40 °C	
[Ue] rated operational voltage	690 V AC 50/60 Hz conforming to IEC 60947-2	
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	15 kA Icu at 500 V AC 50/60 Hz conforming to IEC 60947-2 20 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 25 kA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 40 kA Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2	
Performance level	B 25 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	20 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 25 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 40 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 15 kA at 500 V AC 50/60 Hz conforming to IEC 60947-2	
Mechanical durability	40000 cycles conforming to IEC 60947-2	
Electrical durability	40000 cycles 440 V AC 50/60 Hz In/2 conforming to IEC 60947-2 15000 cycles 690 V AC 50/60 Hz In/2 conforming to IEC 60947-2 20000 cycles 440 V AC 50/60 Hz In conforming to IEC 60947-2 7500 cycles 690 V AC 50/60 Hz In conforming to IEC 60947-2	
Mounting support	Backplate	
Upside connection	Front	

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

Downside connection	Front
Connection pitch	35 mm
Protection type	Without protection
Width (W)	140 mm
Height (H)	161 mm
Depth (D)	86 mm

Environment

Standards	EN/IEC 60947-2 UL 60947-4-1	
Pollution degree	3 conforming to 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	-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	14.000 cm
Package 1 Width	14.600 cm
Package 1 Length	19.200 cm
Package 1 Weight	1.923 kg
Unit Type of Package 2	S03
Number of Units in Package 2	6
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	12.096 kg
Unit Type of Package 3	P12
Number of Units in Package 3	48
Package 3 Height	42.500 cm
Package 3 Width	80.000 cm
Package 3 Length	120.000 cm
Package 3 Weight	111.000 kg



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 >

∇ Environmental footprint	
Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	148
Environmental Disclosure	Product Environmental Profile

Use Better

Recycled metal content at CR level	0
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Compliant with Exemptions
SCIP Number	206b752d-15ab-4228-8cd8-4e338f718b28
REACh Regulation	REACh Declaration
Halogen content performance	Product contains halogen above thresholds
PVC free	Yes

Use Again

○ Repack and remanufacture	
Circularity Profile	End of Life Information
Take-back	No
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins