Specifications



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

C16B4

Price: 1,939.00 HKD

Main		
Range	ComPacT new generation	
product name	ComPacT NSX new generation	
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 lcu at 500 V AC 50/60 Hz conforming to IEC 60947-2 20 kA lcu at 440 V AC 50/60 Hz conforming to IEC 60947-2 25 kA lcu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 40 kA lcu 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	
[lcs] 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	

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

PCE
1
14.000 cm
14.600 cm
19.200 cm
1.951 kg
\$03
6
30.000 cm
30.000 cm
40.000 cm
12.096 kg
P12
48
42.500 cm
80.000 cm
120.000 cm
111.000 kg

L 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 >

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
EU RoHS Directive	Compliant with Exemptions
REACh Regulation	REACh Declaration
PVC free	Yes

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
Halogen content performance	Product contains halogen above thresholds
Take-back	No