

circuit breaker basic frame, ComPacT NSX160F, 36 kA at 415 VAC 50/60 Hz, 160 A, without trip unit, 3 poles

C16F3

Price: 1,476.00 HKD

Main

Range	ComPacT new generation	
product name	ComPacT NSX new generation	
Device short name	NSX160F	
Product or component type	Basic frame	
Device application	Distribution	
Poles description	3P	
[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	10 kA at 600 V AC 50/60 Hz conforming to UL 508 85 kA at 240 V AC 50/60 Hz conforming to UL 508 22 kA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2 35 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 36 kA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 8 kA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2 85 kA Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 35 kA at 480 V AC 50/60 Hz conforming to UL 508 30 kA Icu at 500 V AC 50/60 Hz conforming to IEC 60947-2	
Performance level	F 36 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	35 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 36 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 85 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 22 kA at 525 V AC 50/60 Hz conforming to IEC 60947-2 30 kA at 500 V AC 50/60 Hz conforming to IEC 60947-2 8 kA at 660/690 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)	105 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
11.200 cm
19.200 cm
1.478 kg
S03
7
30.000 cm
30.000 cm
40.000 cm
10.764 kg
P12
56
42.500 cm
80.000 cm
120.000 cm
99.500 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)	144
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

○ 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