

# C16B3

Circuit breaker basic frame, ComPacT  
NSX160B, 25kA/415VAC, 3 poles, 160A frame  
rating, without trip unit



## 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	3P
Line Rated Current	160 A 104 °F (40 °C)
[Ue] rated operational voltage	690 V AC 50/60 Hz IEC 60947-2
Network type	AC
Network Frequency	50/60 Hz
Suitability for isolation	Yes EN/IEC 60947-2
Utilisation category	Category A
[Icu] rated ultimate short-circuit breaking capacity	15 KA Icu 500 V AC 50/60 Hz IEC 60947-2 20 KA Icu 440 V AC 50/60 Hz IEC 60947-2 25 KA Icu 380/415 V AC 50/60 Hz IEC 60947-2 40 KA Icu 220/240 V AC 50/60 Hz 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 IEC 60947-2
[Uimp] rated impulse withstand voltage	8 kVIEC 60947-2
[Ics] rated service short-circuit breaking capacity	20 KA 440 V AC 50/60 Hz IEC 60947-2 25 KA 380/415 V AC 50/60 Hz IEC 60947-2 40 KA 220/240 V AC 50/60 Hz IEC 60947-2 15 kA 500 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	1.38 in (35 mm)
Protection Type	Without protection
Width (W)	4.13 in (105 mm)
Height (H)	6.34 in (161 mm)
Depth (D)	3.39 in (86 mm)

## Environment

Standards	EN/IEC 60947-2 UL 508
Product Certifications	UL[RETURN]CSA
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	-13...158 °F (-25...70 °C)
Ambient Air Temperature for Storage	-58...185 °F (-50...85 °C)

## Ordering and shipping details

Category	US10DE201101
Discount Schedule	0DE2
GTIN	3606481999375
Returnability	No
Country of origin	PL

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.51 in (14.000 cm)
Package 1 Width	4.33 in (11.000 cm)
Package 1 Length	7.68 in (19.500 cm)
Package 1 Weight	3.29 lb(US) (1.494 kg)
Unit Type of Package 2	S03
Number of Units in Package 2	7
Package 2 Height	11.81 in (30.000 cm)
Package 2 Width	11.81 in (30.000 cm)
Package 2 Length	15.75 in (40.000 cm)
Package 2 Weight	24.08 lb(US) (10.924 kg)
Unit Type of Package 3	P12
Number of Units in Package 3	56
Package 3 Height	16.54 in (42.000 cm)
Package 3 Width	31.50 in (80.000 cm)
Package 3 Length	47.24 in (120.000 cm)
Package 3 Weight	218.26 lb(US) (99.000 kg)

## Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End Of Life Information</a>