

C25S3

Circuit breaker basic frame, ComPacT
NSX250S, 100kA/415VAC, 3 poles, 250A
frame rating, without trip unit



Main

Range	ComPacT new generation
Product name	ComPacT NSX new generation
Device short name	NSX250S
Product or Component Type	Basic frame
Device Application	Distribution
Poles description	3P
Line Rated Current	250 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	100 KA Icu 380/415 V AC 50/60 Hz IEC 60947-2 120 KA Icu 220/240 V AC 50/60 Hz IEC 60947-2 15 KA Icu 660/690 V AC 50/60 Hz IEC 60947-2 40 KA Icu 525 V AC 50/60 Hz IEC 60947-2 65 KA Icu 500 V AC 50/60 Hz IEC 60947-2 90 KA Icu 440 V AC 50/60 Hz IEC 60947-2
Performance level	S 100 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	100 KA 380/415 V AC 50/60 Hz IEC 60947-2 120 KA 220/240 V AC 50/60 Hz IEC 60947-2 15 KA 660/690 V AC 50/60 Hz IEC 60947-2 40 KA 525 V AC 50/60 Hz IEC 60947-2 65 KA 500 V AC 50/60 Hz IEC 60947-2 90 KA 440 V AC 50/60 Hz IEC 60947-2
Mechanical durability	20000 cycles IEC 60947-2
Electrical durability	10000 Cycles 440 V AC 50/60 Hz In IEC 60947-2 10000 Cycles 690 V AC 50/60 Hz In/2 IEC 60947-2 20000 Cycles 440 V AC 50/60 Hz In/2 IEC 60947-2 5000 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	CSA[RETURN]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	-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	3606481999474
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 (14.0 cm)
Package 1 Width	4.53 in (11.5 cm)
Package 1 Length	7.68 in (19.5 cm)
Package 1 Weight	3.54 lb(US) (1.606 kg)
Unit Type of Package 2	S03
Number of Units in Package 2	7
Package 2 Height	11.81 in (30.0 cm)
Package 2 Width	11.81 in (30.0 cm)
Package 2 Length	15.75 in (40.0 cm)
Package 2 Weight	25.63 lb(US) (11.626 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 www.P65Warnings.ca.gov
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information