C10S4

Circuit breaker basic frame, ComPacT NSX100S, 100kA/415VAC, 4 poles, 100A frame rating, without trip unit





Main

Range	ComPacT new generation
Product name	ComPacT NSX new generation
Device short name	NSX100S
Product or component type	Basic frame
Device application	Distribution
Poles description	4P
Neutral position	Left
[In] rated current	100 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	100 KA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 120 KA Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 15 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2 40 KA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2 65 KA Icu at 500 V AC 50/60 Hz conforming to IEC 60947-2 90 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2
Performance level	S 100 kA 415 V AC
Control type	Toggle
Mounting mode	Fixed

Complementary

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	100 KA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 120 KA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 15 KA at 660/690 V AC 50/60 Hz conforming to IEC 60947-2 40 KA at 525 V AC 50/60 Hz conforming to IEC 60947-2 65 KA at 500 V AC 50/60 Hz conforming to IEC 60947-2 90 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2
Mechanical durability	50000 cycles conforming to IEC 60947-2
Electrical durability	10000 Cycles 690 V AC 50/60 Hz In conforming to IEC 60947-2 20000 Cycles 690 V AC 50/60 Hz In/2 conforming to IEC 60947-2 30000 Cycles 440 V AC 50/60 Hz In conforming to IEC 60947-2 50000 cycles 440 V AC 50/60 Hz In/2 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
\(\frac{1}{2}\)	

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not inherent or and is not to be used for determining suitability or inhability of these products for specific user applications. It is the dourn aren in integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Height (H)	161 mm
Depth (D)	86 mm

Environment

Standards	EN/IEC 60947-2 UL 508
Product certifications	CSA[RETURN]UL
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 cm
Package 1 Width	15 cm
Package 1 Length	19 cm
Package 1 Weight	1.892 kg
Unit Type of Package 2	S03
Number of Units in Package 2	6
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	11.72 kg

Offer Sustainability

Office Oddital lability		
Sustainable offer status	Green Premium product	
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	

