Product datasheet

Specifications



Circuit breaker basic frame, ComPacT NSX630S, 100kA at 415VAC 50/60 Hz, 630A, without trip unit, 4 poles

C63S4

Main

mann		
Range	ComPacT	
product name	ComPacT NSX	
Device short name	NSX630S	
Product or component type	Basic frame	
Device application	Distribution	
Poles description	4P	
Neutral position	Left	
[In] rated current	630 A at 40 °C	
[Ue] rated operational voltage	ated 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	
cu] rated ultimate short-circuit100 kA lcu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2reaking capacity100 kA lcu at 220/240 V AC 50/60 Hz conforming to IEC 60947-240 kA lcu at 525 V AC 50/60 Hz conforming to IEC 60947-265 kA lcu at 500 V AC 50/60 Hz conforming to IEC 60947-290 kA lcu at 440 V AC 50/60 Hz conforming to IEC 60947-225 kA lcu at 660/690 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

[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	
[Ics] 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 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 12 kA at 525 V AC 50/60 Hz conforming to IEC 60947-2 12 kA at 660/690 V AC 50/60 Hz conforming to IEC 60947-2	
Mechanical durability	15000 cycles conforming to IEC 60947-2	
Electrical durability	6000 cycles 690 V AC 50/60 Hz In/2 conforming to IEC 60947-2 2000 cycles 690 V AC 50/60 Hz In conforming to IEC 60947-2 4000 cycles 440 V AC 50/60 Hz In conforming to IEC 60947-2 8000 cycles 440 V AC 50/60 Hz In/2 conforming to IEC 60947-2	

Excluding VAT, FCA Jabal Ali & are subject to change - check with your local distributor.

Mounting support	Backplate
Upside connection	Front
Downside connection	Front
Connection pitch	45 mm
Protection type	Without protection
Width (W)	185 mm
Height (H)	255 mm
Depth (D)	110 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

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	15.0 cm
Package 1 Width	20.0 cm
Package 1 Length	29.0 cm
Package 1 Weight	6.06 kg
Unit Type of Package 2	P12
Number of Units in Package 2	28
Package 2 Height	44.0 cm
Package 2 Width	80.0 cm
Package 2 Length	120.0 cm
Package 2 Weight	183.0 kg

Lenvironmental 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 \geq

	Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	501
	Environmental Disclosure	Product Environmental Profile

Use Better

[⊗] Materials and Substances	
Recycled metal content at CR level	0
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Compliant with Exemptions
SCIP Number	5c8b3f64-d41d-441f-90cc-da32d0570283
REACh Regulation	REACh Declaration
Halogen content performance	Halogen free plastic parts product
PVC free	Yes
Silicon free	No

Use Again

$^{\circlearrowright}$ Repack and remanufacture	
Circularity Profile	End of Life Information
Take-back	No
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins