

switch disconnector ComPacT NSX100NA, 3 poles, 100 A, AC22A, AC23A

C103100S

Price: 1,092.00 HKD

Main

Mairi		
Range	ComPacT new generation	
product name	ComPacT NSX new generation	
Device short name	NSX100NA	
Product or component type	Switch disconnector	
Device application	Distribution	
Poles description	3P	
[Ith] conventional free air thermal current	100 A at 50 °C	
[le] rated operational current	AC-22A: 100 A AC 50/60 Hz 220690 V AC-23A: 100 A AC 50/60 Hz 220690 V DC-22A: 100 A DC 250 V 1 pole DC-22A: 100 A DC 500 V 2 poles in series DC-23A: 100 A DC 500 V 1 pole DC-23A: 100 A DC 500 V 2 poles in series DC-23A: 100 A DC 500 V 2 poles in series DC-22A: 100 A DC 750 V 3 poles in series DC-23A: 100 A DC 750 V 3 poles in series	
[Ue] rated operational voltage	690 V AC 50/60 Hz 750 V DC 3 poles in series 500 V DC 2 poles in series 250 V DC 1 pole	
Network type	AC DC	
Suitability for isolation	Yes conforming to EN/IEC 60947-3	
Utilisation category	AC-22A AC-23A DC-22A DC-23A	
Breaking capacity code	NA	
Contact position indicator	Yes	
Visible break	No	
Mounting mode	Fixed	
[Icw] rated short-time withstand current	1.8 kA during 1 s 1.8 kA during 3 s 0.69 kA during 20 s	
[lcm] rated short-circuit making capacity	330 kA with upstream protection circuit breaker 2.6 kA switch-disconnector alone	
Control type	Toggle	
[Ui] rated insulation voltage	800 V AC 50/60 Hz	
[Uimp] rated impulse withstand voltage	8 kV	

Complementary

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Mounting support	Backplate	
Upside connection	Front	
Downside connection	Front	
Connection pitch	35 mm	
Mechanical durability	50000 cycles	
Electrical durability	AC-22A: 35000 cycles 440 V AC 50/60 Hz In/2 AC-23A: 35000 cycles 440 V AC 50/60 Hz In/2 AC-22A: 20000 cycles 440 V AC 50/60 Hz In AC-23A: 20000 cycles 440 V AC 50/60 Hz In AC-23A: 20000 cycles 690 V AC 50/60 Hz In AC-22A: 15000 cycles 690 V AC 50/60 Hz In/2 AC-23A: 15000 cycles 690 V AC 50/60 Hz In/2 AC-22A: 8000 cycles 690 V AC 50/60 Hz In AC-23A: 8000 cycles 690 V AC 50/60 Hz In DC-22A: 10000 cycles 250 V DC In/2 (1 pole) DC-23A: 10000 cycles 250 V DC In/2 (1 pole) DC-22A: 5000 cycles 500 V DC In (2 poles in series) DC-23A: 5000 cycles 500 V DC In (2 poles in series)	
Width (W)	105 mm	
Height (H)	161 mm	
Depth (D)	86 mm	
Net weight	1.8 kg	
Standards	EN/IEC 60947-1 EN/IEC 60947-3	

Environment

IP degree of protection	IP40 conforming to IEC 60529	
IK degree of protection	IK07 conforming to IEC 62262	
Electrical shock protection class	Class II	
Pollution degree	3 conforming to IEC 60664-1	
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	14.0 cm
Package 1 Width	11.2 cm
Package 1 Length	19.0 cm
Package 1 Weight	1.776 kg
Unit Type of Package 2	S03
Number of Units in Package 2	7
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	12.816 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)	97
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