

Product datasheet

Specifications



switch disconnecter ComPacT NSX100NA, 4 poles, 100 A, AC22A, AC23A

C104100S

Price: 1,542.00 HKD

Main

Range	ComPacT new generation
product name	ComPacT NSX new generation
Device short name	NSX100NA
Product or component type	Switch disconnecter
Device application	Distribution
Poles description	4P
[Ith] conventional free air thermal current	100 A at 50 °C
[Ie] rated operational current	AC-22A: 100 A AC 50/60 Hz 220...690 V AC-23A: 100 A AC 50/60 Hz 220...690 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 250 V 1 pole 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
[Icm] 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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Complementary

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-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)	140 mm
Height (H)	161 mm
Depth (D)	86 mm
Net weight	2.2 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	-25...70 °C
Ambient air temperature for storage	-50...85 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	14.000 cm
Package 1 Width	14.400 cm
Package 1 Length	19.000 cm
Package 1 Weight	2.293 kg
Unit Type of Package 2	S03
Number of Units in Package 2	6
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	14.214 kg

Environmental 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 >](#)

Environmental footprint	
Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	101
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances	
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