

# Product datasheet

Specifications



## Switch disconnecter ComPacT NSX100NA. 3 poles. 100A. AC22A. AC23A

C103100S

**Price: 3,221.93 ZAR**

### 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	3P
[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

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

## 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)	105 mm
Height (H)	161 mm
Depth (D)	86 mm
Net Weight	1.8 kg
Standards	EN/IEC 60947-1 EN/IEC 60947-3
Product Certifications	CE EAC CCC

## 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	14.0 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

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Package 2 Weight

12.816 kg

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

## Well-being performance

Mercury Free

Rohs Exemption Information [Yes](#)

Pvc Free

## Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant with Exemptions

China Rohs Regulation [China RoHS declaration](#)  
Product out of China RoHS scope. Substance declaration for your information

Environmental Disclosure [Product Environmental Profile](#)

Circularity Profile [End of Life Information](#)