

Product datasheet

Specifications



Circuit breaker basic frame.
ComPacT NSX100S DC. 100kA at
750 VDC. 100A. without trip unit. 3
poles

C10S3D

Price: 2,929.32 ZAR

Main

| | |
|--|---|
| Range | ComPacT new generation |
| Product Name | ComPacT NSX DC new generation |
| Device Short Name | NSX100S DC |
| Product Or Component Type | Basic frame |
| Device Application | Distribution |
| Poles Description | 3P |
| [In] Rated Current | 100 A at 40 °C |
| [Ue] Rated Operational Voltage | 750 V DC conforming to IEC 60947-2 |
| Network Type | DC |
| 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 250 V DC 1P conforming to IEC 60947-2 100 kA Icu at 24...125 V DC 1P conforming to IEC 60947-2 100 kA Icu at 500 V DC 2P conforming to IEC 60947-2 100 kA Icu at 750 V DC 3P conforming to IEC 60947-2 |
| Performance Level | S 100 kA 750 V DC |
| Control Type | Toggle |
| Mounting Mode | Fixed |

Complementary

| | |
|---|---|
| [Ui] Rated Insulation Voltage | 750 V DC 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 250 V DC conforming to IEC 60947-2 (1P) 100 kA at 24...125 V DC conforming to IEC 60947-2 (1P) 100 kA at 500 V DC conforming to IEC 60947-2 (2P) 100 kA at 750 V DC conforming to IEC 60947-2 (3P) |
| Maximum Breaking Time | 10 ms |
| Mechanical Durability | 10000 cycles conforming to IEC 60947-2 |
| Electrical Durability | 10000 cycles 250 V DC In/2 conforming to IEC 60947-2 10000 cycles 500 V DC In/2 conforming to IEC 60947-2 10000 cycles 750 V DC In/2 conforming to IEC 60947-2 5000 cycles 250 V DC In conforming to IEC 60947-2 5000 cycles 500 V DC In conforming to IEC 60947-2 5000 cycles 750 V DC In conforming to IEC 60947-2 |
| Mounting Support | Backplate |
| Upside Connection | Front |

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

| | |
|----------------------------|--------------------|
| Downside Connection | Front |
| Connection Pitch | 35 mm |
| Protection Type | Without protection |
| Width (W) | 105 mm |
| Height (H) | 161 mm |
| Depth (D) | 86 mm |

Environment

| | |
|--|-------------------------------|
| Standards | IEC 60947-2 |
| Product Certifications | ASTA ASEFA KEMA LCIE |
| Pollution Degree | 3 conforming to IEC 60664-1 |
| Ip Degree Of Protection | IP40 conforming to IEC 60529 |
| Ik Degree Of Protection | IK07 conforming to EN 50102 |
| 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 | 14.4 cm |
| Package 1 Width | 11.4 cm |
| Package 1 Length | 19.3 cm |
| Package 1 Weight | 1.51 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 | 10.944 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-CO₂ 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

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 No need of specific recycling operations