

Product datasheet

Specifications



switch disconnecter ComPacT NSX160NA, 3 poles, 160 A, AC22A, AC23A

C163160S

EAN Code: 3606481999269

Main

| | |
|---|--|
| Range | ComPacT new generation |
| Product Name | ComPacT NSX new generation |
| Device Short Name | NSX160NA |
| Product Or Component Type | Switch disconnecter |
| Device Application | Distribution |
| Poles Description | 3P |
| [Ith] Conventional Free Air Thermal Current | 160 A at 50 °C |
| [Ie] Rated Operational Current | AC-22A: 160 A AC 50/60 Hz 220...690 V AC-23A: 160 A AC 50/60 Hz 220...690 V DC-22A: 160 A DC 250 V 1 pole DC-22A: 160 A DC 500 V 2 poles in series DC-23A: 160 A DC 250 V 1 pole DC-23A: 160 A DC 500 V 2 poles in series DC-22A: 160 A DC 750 V 3 poles in series DC-23A: 160 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 | DC AC |
| 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 | 2.5 kA during 1 s 2.5 kA during 3 s 0.96 kA during 20 s |
| [Icm] Rated Short-Circuit Making Capacity | 330 kA with upstream protection circuit breaker 3.6 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

| | |
|------------------------|--|
| Mounting Support | Backplate |
| Upside Connection | Front |
| Downside Connection | Front |
| Connection Pitch | 35 mm |
| Mechanical Durability | 40000 cycles |
| Electrical Durability | AC-22A: 30000 cycles 440 V AC 50/60 Hz In/2 AC-23A: 30000 cycles 440 V AC 50/60 Hz In/2 AC-22A: 15000 cycles 440 V AC 50/60 Hz In AC-23A: 15000 cycles 440 V AC 50/60 Hz In AC-22A: 10000 cycles 690 V AC 50/60 Hz In/2 AC-23A: 10000 cycles 690 V AC 50/60 Hz In/2 AC-22A: 5000 cycles 690 V AC 50/60 Hz In AC-23A: 5000 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 | 11.0 cm |
| Package 1 Length | 19.0 cm |
| Package 1 Weight | 1.892 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 13.626 kg

Contractual warranty

Warranty 18 months

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](#)

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](#)