Product datasheet

Specifications





circuit breaker Compact NSX250F DC - 250 A - 3 poles - fixed without trip unit

LV438203

() Discontinued on: 15 Jun 2023

① Discontinued

Main

| Mann | |
|---|--|
| Range | ComPact |
| Range Of Product | ComPact NSX100250 DC |
| Device Short Name | NSX250F DC |
| Product Or Component Type | Basic frame |
| Device Application | Distribution |
| Circuit Breaker Name | Compact NSX250F DC |
| Number Of Poles | 3P |
| [In] Rated Current | 250 A at 40 °C |
| [Ue] Rated Operational Voltage | 750 V DC |
| Network Type | DC |
| Suitability For Isolation | Yes conforming to EN/IEC 60947-2 |
| Utilisation Category | Category A |
| [Icu] Rated Ultimate Short-Circuit Breaking Capacity | 36 kA lcu at 250 V DC 1P conforming to IEC 60947-2 36 kA lcu at 24125 V DC 1P conforming to IEC 60947-2 36 kA lcu at 500 V DC 2P conforming to IEC 60947-2 36 kA lcu at 750 V DC 3P conforming to IEC 60947-2 |
| Performance Level | F 36 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 | 36 kA at 250 V DC conforming to IEC 60947-2 (1P) 36 kA at 48/125 V DC conforming to IEC 60947-2 (1P) 36 kA at 500 V DC conforming to IEC 60947-2 (2P) 36 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 |
| 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 | LCIE KEMA ASTA ASEFA |
| 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 | -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 | 13.5 cm |
| Package 1 Width | 11.5 cm |
| Package 1 Length | 19.2 cm |
| Package 1 Weight | 1.588 kg |
| Unit Type Of Package 2 | S04 |
| Number Of Units In Package 2 | 12 |
| Package 2 Height | 30.0 cm |
| Package 2 Width | 40.0 cm |
| Package 2 Length | 60.0 cm |
| Package 2 Weight | 19.76 kg |

Contractual warranty

Warranty

12 months

Sustainability

Green PremiumTM label is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.



Transparency RoHS/REACh

Well-being performance

Mercury Free

Rohs Exemption Information Yes

Certifications & Standards

| Reach Regulation | REACh Declaration |
|--------------------------|---|
| Eu Rohs Directive | Compliant EU RoHS Declaration |
| China Rohs Regulation | China RoHS declaration Product out of China RoHS scope. Substance declaration for your information |
| Environmental Disclosure | Product Environmental Profile |
| Weee | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| Circularity Profile | End of Life Information |