Product datasheet

Specifications





circuit breaker basic frame, ComPacT NSX250F DC, 36 kA at 750 VDC, 250 A, without trip unit, 3 poles

C25F3D

EAN Code: 3606481994776

Main

| ComPacT new generation |
|--|
| ComPacT NSX DC new generation |
| NSX250F DC |
| Basic frame |
| Distribution |
| 3P |
| 250 A at 40 °C |
| 750 V DC conforming to IEC 60947-2 |
| DC |
| Yes conforming to EN/IEC 60947-2 |
| Category A |
| 36 kA Icu at 250 V DC 1P conforming to IEC 60947-2 36 kA Icu at 24125 V DC 1P conforming to IEC 60947-2 36 kA Icu at 500 V DC 2P conforming to IEC 60947-2 36 kA Icu at 750 V DC 3P conforming to IEC 60947-2 |
| F 36 kA 750 V DC |
| Toggle |
| 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 24125 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 | EN/IEC 60947-2 |
|---------------------------------------|------------------------------|
| 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

| PCE |
|----------|
| 1 |
| 14.0 cm |
| 11.3 cm |
| 19.4 cm |
| 1.604 kg |
| S03 |
| 7 |
| 30.0 cm |
| 30.0 cm |
| 40.0 cm |
| 11.62 kg |
| |

Contractual warranty

Warranty

18 months

Sustainability Screen Premium

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.

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 >



Yes

Sustainable Packaging Transparency RoHS/REACh

Resource performance

Sustainable Packaging

Well-being performance

Mercury Free

Rohs Exemption Information

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 |