

LV438208

circuit breaker Compact NSX250F DC - 250 A - 4 poles - fixed - without trip unit



Main

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|--|---|
| Range | Compact |
| Range of product | NSX100...250 DC |
| Product or component type | Basic frame |
| Device short name | Compact NSX250F DC |
| Device application | Distribution |
| Circuit breaker name | Compact NSX250F DC |
| Poles description | 4P |
| Network type | DC |
| [In] rated current | 250 A (40 °C) |
| [Ui] rated insulation voltage | 800 V DC conforming to IEC 60947-2 |
| [Uimp] rated impulse withstand voltage | 8 kV conforming to IEC 60947-2 |
| [Ue] rated operational voltage | DC conforming to IEC 60947-2 |
| Breaking capacity code | F |
| Breaking capacity | 36 kA Icu at 250 V DC 1P conforming to IEC 60947-2 36 kA Icu at 48/125 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 |
| [Ics] rated service breaking capacity | 250 V IEC 60947-2 conforming to IEC 60947-2 conforming to IEC 60947-2 conforming to IEC 60947-2 conforming to IEC 60947-2 DC DC conforming to IEC 60947-2 IEC 60947-2 48/125 V IEC 60947-2 conforming to IEC 60947-2 conforming to IEC 60947-2 conforming to IEC 60947-2 conforming to IEC 60947-2 DC DC conforming to IEC 60947-2 IEC 60947-2 500 V IEC 60947-2 conforming to IEC 60947-2 conforming to IEC 60947-2 conforming to IEC 60947-2 conforming to IEC 60947-2 DC DC conforming to IEC 60947-2 IEC 60947-2 750 V IEC 60947-2 conforming to IEC 60947-2 conforming to IEC 60947-2 conforming to IEC 60947-2 conforming to IEC 60947-2 DC DC conforming to IEC 60947-2 IEC 60947-2 |
| Suitability for isolation | Yes conforming to IEC 60947-2 |
| Utilisation category | Category A |
| Pollution degree | 3 conforming to IEC 60947 |

Complementary

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|-------------------------------|--------------------|
| Control type | Toggle |
| Mounting mode | Fixed |
| Mounting support | Backplate |
| Upside connection | Front |
| Downside connection | Front |
| Protection type | Without protection |
| Auxiliary contact composition | Without |

The information provided in this documentation contains general descriptions and/or technical characteristics of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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|-----------------------|---|
| 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 |
| Connection pitch | 35 mm |
| Maximum breaking time | < 10 ms |
| Height | 161 mm |
| Width | 140 mm |
| Depth | 86 mm |

Environment

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|---------------------------------------|-------------------------------|
| standards | IEC 60947-2 |
| product certifications | ASEFA ASTA KEMA LCIE |
| 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 |

Offer Sustainability

| | |
|----------------------------------|---|
| Sustainable offer status | Green Premium product |
| RoHS (date code: YYWW) | Compliant - since 1201 - Schneider Electric declaration of conformity |
| REACH | Reference not containing SVHC above the threshold |
| Product environmental profile | Available |
| Product end of life instructions | Available |