



Main

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| Range | Compact |
| Product name | Compact NSX |
| Range of product | NSX100...250 |
| Device short name | Compact NSX250H |
| Product or component type | Circuit breaker |
| Device application | Distribution |
| Poles description | 3P |
| Protected poles description | 3t |
| [In] rated current | 250 A at 40 °C |
| [Ue] rated operational voltage | 690 V AC 50/60 Hz |
| Network type | AC |
| Network frequency | 50/60 Hz |
| Suitability for isolation | Yes conforming to EN 60947-2 Yes conforming to IEC 60947-2 |
| Utilisation category | Category A |
| Breaking capacity | 85 KA at 240 V AC 50/60 Hz conforming to UL 508 65 KA at 480 V AC 50/60 Hz conforming to UL 508 10 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2 100 KA Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 35 KA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2 50 KA Icu at 500 V AC 50/60 Hz conforming to IEC 60947-2 65 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 70 KA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 15 KA at 600 V AC 50/60 Hz conforming to UL 508 |
| Breaking capacity code | H 70 kA 415 V AC |
| Trip unit name | TM-D |
| Trip unit technology | Thermal-magnetic |
| Trip unit protection functions | LI |
| Control type | Toggle |
| Mounting mode | Fixed |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance 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.

Complementary

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| [Ui] rated insulation voltage | 800 V AC 50/60 Hz |
| [Uimp] rated impulse withstand voltage | 8 KV |
| [Ics] rated service breaking capacity | 10 KA at 660/690 V AC 50/60 Hz conforming to IEC 60947-2 100 KA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 35 KA at 525 V AC 50/60 Hz conforming to IEC 60947-2 50 KA at 500 V AC 50/60 Hz conforming to IEC 60947-2 65 KA at 440 V AC 50/60 Hz conforming to IEC 60947-2 70 KA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 |
| Mechanical durability | 20000 Cycles |
| Mounting support | Backplate |
| Upside connection | Front |
| Downside connection | Front |
| Protection type | L : for overload protection (thermal) I : for short-circuit protection (magnetic) |
| Trip unit rating | 250 A at 40 °C |
| Long time pick-up adjustment type Ir | Adjustable |
| Long time pick-up adjustment range | 0.7...1 x In |
| Long time delay adjustment type | Fixed |
| [tr] long-time delay adjustment range | 120...400 S at 1.5 x In 15 S at 6 x Ir |
| Short-time pick-up adjustment type Isd | Adjustable |
| [Isd] short-time pick-up adjustment range | 5...10 x In |
| Short-time delay adjustment type | Fixed |
| Auxiliary contact composition | Without |
| Width | 105 Mm |
| Height | 161 Mm |
| Depth | 86 Mm |
| Net weight | 2.4 Kg |

Environment

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|---------------------------------------|------------------------------|
| Standards | EN/IEC 60947 UL 508 |
| Product certifications | Marine EAC CCC |
| Overvoltage category | Class II |
| Electrical shock protection class | Class II |
| Pollution degree | 3 conforming to IEC 60664-1 |
| IP degree of protection | IP40 conforming to IEC 60529 |
| IK degree of protection | IK07 conforming to IEC 62262 |
| Ambient air temperature for operation | -35...70 °C |
| Ambient air temperature for storage | -55...85 °C |

Packing Units

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| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Weight | 1.994 Kg |
| Package 1 Height | 11 Cm |
| Package 1 width | 14 Cm |
| Package 1 Length | 19 Cm |
| Unit Type of Package 2 | S04 |
| Number of Units in Package 2 | 12 |
| Package 2 Weight | 24.694 Kg |
| Package 2 Height | 30 Cm |
| Package 2 width | 40 Cm |
| Package 2 Length | 60 Cm |

Offer Sustainability

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|----------------------------|---|
| Sustainable offer status | Green Premium product |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS Declaration |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End Of Life Information |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

Contractual warranty

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| Warranty | 18 months |
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| Product Life Status : Commercialised |
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