



Main

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| Range | Compact |
| Range of product | NSX100...250 |
| Product or component type | Basic frame |
| Device short name | Compact NSX160H |
| Device application | Distribution |
| Circuit breaker name | Compact NSX160H |
| Poles description | 3P |
| Network type | AC |
| Network frequency | 50/60 Hz |
| [In] rated current | 160 A (40 °C) |
| [Ui] rated insulation voltage | 800 V AC 50/60 Hz conforming to IEC 60947-2 |
| [Uimp] rated impulse withstand voltage | 8 kV conforming to IEC 60947-2 |
| [Ue] rated operational voltage | AC 50/60 Hz conforming to IEC 60947-2 |
| Breaking capacity code | H |
| Breaking capacity | 50 kA Icu at 500 V AC 50/60 Hz conforming to IEC 60947-2 10 kA Icu at 660/690 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 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 60947-2 100 kA Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 10 kA at 600 V AC 50/60 Hz conforming to UL 508 65 kA at 480 V AC 50/60 Hz conforming to UL 508 85 kA at 240 V AC 50/60 Hz conforming to UL 508 |
| Suitability for isolation | Yes conforming to EN 60947-2 Yes conforming to IEC 60947-2 |
| Utilisation category | Category A |
| Pollution degree | 3 conforming to IEC 60947-1 |

Complementary


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| Control type | Toggle |
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| Mounting mode | Fixed |
| Mounting support | Backplate |
| Upside connection | Front |
| Downside connection | Front |
| Protection type | Without protection |
| Mechanical durability | 40000 cycles conforming to IEC 60947-2 |
| Electrical durability | 10000 cycles 440 V AC 50/60 Hz In/2 conforming to IEC 60947-2 15000 cycles 690 V AC 50/60 Hz In/2 conforming to IEC 60947-2 20000 cycles 440 V AC 50/60 Hz In conforming to IEC 60947-2 7500 cycles 690 V AC 50/60 Hz In conforming to IEC 60947-2 |
| Connection pitch | 35 mm |
| Height | 161 mm |
| Width | 105 mm |
| Depth | 86 mm |

Environment

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| Standards | EN 60947-2 IEC 60947-2 UL 508 |
| Product certifications | CSA UL |
| 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 |

Offer Sustainability

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| Sustainable offer status | Green Premium product |
| RoHS (date code: YYWW) | Compliant - since 0819 - Schneider Electric declaration of conformity  Schneider Electric declaration of conformity |
| REACH | Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold |
| Product environmental profile | Available |
| Product end of life instructions | Available |

Contractual warranty

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| Warranty period | 18 months |
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