

Product datasheet

Specifications



circuit breaker basic frame,
ComPacT NSX250L, 150 kA at 415
VAC 50/60 Hz, 250 A, without trip
unit, 4 poles

C25L4

Main

| | |
|--|---|
| Range | ComPacT new generation |
| Product name | ComPacT NSX new generation |
| Device short name | NSX250L |
| Product or component type | Basic frame |
| Device application | Distribution |
| Poles description | 4P |
| Neutral position | Left |
| [In] rated current | 250 A at 40 °C |
| [Ue] rated operational voltage | 690 V AC 50/60 Hz conforming to IEC 60947-2 |
| Network type | AC |
| Network frequency | 50/60 Hz |
| Suitability for isolation | Yes conforming to EN/IEC 60947-2 |
| Utilisation category | Category A |
| [Icu] rated ultimate short-circuit breaking capacity | 130 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 150 kA Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 150 kA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 20 kA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2 50 kA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2 70 kA Icu at 500 V AC 50/60 Hz conforming to IEC 60947-2 |
| Performance level | L 150 kA 415 V AC |
| Control type | Toggle |
| Mounting mode | Fixed |

Complementary

| | |
|---|---|
| [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 |
| [Ics] rated service short-circuit breaking capacity | 130 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 150 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 150 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 20 kA at 660/690 V AC 50/60 Hz conforming to IEC 60947-2 50 kA at 525 V AC 50/60 Hz conforming to IEC 60947-2 70 kA at 500 V AC 50/60 Hz conforming to IEC 60947-2 |
| Mechanical durability | 20000 cycles conforming to IEC 60947-2 |
| Electrical durability | 10000 cycles 440 V AC 50/60 Hz In conforming to IEC 60947-2 10000 cycles 690 V AC 50/60 Hz In/2 conforming to IEC 60947-2 |

20000 cycles 440 V AC 50/60 Hz In/2 conforming to IEC 60947-2
5000 cycles 690 V AC 50/60 Hz 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) | 140 mm |
| Height (H) | 161 mm |
| Depth (D) | 86 mm |

Environment

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|---------------------------------------|------------------------------|
| Standards | EN/IEC 60947-2 UL 508 |
| Product certifications | UL CSA |
| 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 | -25...70 °C |
| Ambient air temperature for storage | -50...85 °C |

Packing Units

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|------------------------------|-----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Weight | 2.144 kg |
| Package 1 Height | 14 cm |
| Package 1 width | 14.5 cm |
| Package 1 Length | 19 cm |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 6 |
| Package 2 Weight | 13.234 kg |
| Package 2 Height | 30 cm |
| Package 2 width | 30 cm |
| Package 2 Length | 40 cm |

Offer Sustainability

| | |
|----------------------------|---|
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS declaration Product out of China RoHS scope. Substance declaration for your information |

Contractual warranty

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| Warranty | 18 months |
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