

LV432410

circuit breaker basic frame, Compact NSX400L,
150 kA at 415 VAC 50/60 Hz, 400 A, without trip
unit, 4 poles



Main

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|--|---|
| Range | Compact |
| Range of product | NSX400...630 |
| Product or component type | Basic frame |
| Device short name | Compact NSX400L |
| Device application | Distribution |
| Circuit breaker name | Compact NSX400L |
| Poles description | 4P |
| Neutral position | Left |
| Network type | AC |
| Network frequency | 50/60 Hz |
| [In] rated current | 400 A at 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 | 690 V AC 50/60 Hz conforming to IEC 60947-2 |
| Breaking capacity code | L |
| 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 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 35 kA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2 |
| [Ics] rated service 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 70 kA at 500 V AC 50/60 Hz conforming to IEC 60947-2 12 kA at 525 V AC 50/60 Hz conforming to IEC 60947-2 12 kA at 660/690 V AC 50/60 Hz conforming to IEC 60947-2 |
| Suitability for isolation | Yes conforming to EN 60947-2 Yes conforming to IEC 60947-2 |
| Utilisation category | Category A |

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| Pollution degree | 3 conforming to IEC 60947-1 |
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Complementary

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| Control type | Toggle |
| Mounting mode | Fixed |
| Mounting support | Backplate |
| Upside connection | Front |
| Downside connection | Front |
| Protection type | Without protection |
| Mechanical durability | 15000 cycles conforming to IEC 60947-2 |
| Electrical durability | 12000 cycles 440 V AC 50/60 Hz In/2 conforming to IEC 60947-2 3000 cycles 690 V AC 50/60 Hz In conforming to IEC 60947-2 6000 cycles 440 V AC 50/60 Hz In conforming to IEC 60947-2 6000 cycles 690 V AC 50/60 Hz In/2 conforming to IEC 60947-2 |
| Connection pitch | 45 mm |
| Height | 255 mm |
| Width | 185 mm |
| Depth | 110 mm |

Environment

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|---------------------------------------|-------------------------------------|
| Standards | UL 508 IEC 60947-2 EN 60947-2 |
| 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 |
| 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 |
| 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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