circuit breaker basic frame, ComPacT NSX400L, 150 kA at 415 VAC 50/60 Hz, 400 A, without trip unit, 3 poles





Main

| Range | ComPacT new generation |
|--|--|
| Product name | ComPacT NSX new generation |
| Device short name | NSX400L |
| Product or component type | Basic frame |
| Device application | Distribution |
| Poles description | 3P |
| [In] rated current | 400 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 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 |
| Performance level | IEC 60947-2 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 |
| [lcs] 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 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 |
| 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 |
| Mounting support | Backplate |
| Upside connection | Front |
| Downside connection | Front |
| Connection pitch | 45 mm |
| Protection type | Without protection |
| Width (W) | 140 mm |

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| Height (H) | 255 mm |
|------------|--------|
| Depth (D) | 110 mm |

Environment

| Standards | EN/IEC 60947-2 UL 508 |
|---------------------------------------|------------------------------|
| Product certifications | CSA[RETURN]UL |
| 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 | -2570 °C |
| Ambient air temperature for storage | -5085 °C |

Packing Units

| Unit Type of Package 1 | PCE | |
|------------------------------|----------|--|
| Number of Units in Package 1 | 1 | |
| Package 1 Height | 15.0 cm | |
| Package 1 Width | 15.5 cm | |
| Package 1 Length | 29.0 cm | |
| Package 1 Weight | 4.548 kg | |
| Unit Type of Package 2 | P12 | |
| Number of Units in Package 2 | 36 | |
| Package 2 Height | 43.0 cm | |
| Package 2 Width | 80.0 cm | |
| Package 2 Length | 120.0 cm | |
| Package 2 Weight | 178.0 kg | |

Offer Sustainability

| Sustainable offer status | Green Premium product |
|-----------------------------|------------------------------------|
| REACh Regulation | ♣ REACh Declaration |
| EU RoHS Directive | Compliant with Exemptions |
| Mercury free | Yes |
| China RoHS Regulation | ☑ China RoHS Declaration |
| RoHS exemption information | ₫Yes |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | ☑ End Of Life Information |
| Halogen content performance | Halogen free plastic parts product |
| | |

