

# C16L4

circuit breaker basic frame, ComPacT  
NSX160L, 150 kA at 415 VAC 50/60 Hz, 160 A,  
without trip unit, 4 poles



## Main

|  |   |
|--|---|
| Range  | ComPacT new generation  |
| Product name   | ComPacT NSX new generation  |
| Device short name                                    | NSX160L   |
| Product or component type                            | Basic frame   |
| Device application                                   | Distribution  |
| Poles description                                    | 4P  |
| Neutral position                                     | Left  |
| [In] rated current                                   | 160 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<br>150 KA Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2<br>150 KA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2<br>20 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2<br>50 KA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2<br>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<br>150 KA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2<br>150 KA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2<br>20 KA at 660/690 V AC 50/60 Hz conforming to IEC 60947-2<br>50 KA at 525 V AC 50/60 Hz conforming to IEC 60947-2<br>70 KA at 500 V AC 50/60 Hz conforming to IEC 60947-2 |
| Mechanical durability                               | 40000 cycles conforming to IEC 60947-2  |
| Electrical durability                               | 40000 Cycles 440 V AC 50/60 Hz In/2 conforming to IEC 60947-2<br>15000 Cycles 690 V AC 50/60 Hz In/2 conforming to IEC 60947-2<br>20000 Cycles 440 V AC 50/60 Hz In conforming to IEC 60947-2<br>7500 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

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

## Packing Units

|                              |           |
|------------------------------|-----------|
| Unit Type of Package 1       | PCE       |
| Number of Units in Package 1 | 1         |
| Package 1 Height             | 14.0 cm   |
| Package 1 Width              | 14.5 cm   |
| Package 1 Length             | 19.0 cm   |
| Package 1 Weight             | 1.956 kg  |
| Unit Type of Package 2       | S03       |
| Number of Units in Package 2 | 6         |
| Package 2 Height             | 30.0 cm   |
| Package 2 Width              | 30.0 cm   |
| Package 2 Length             | 40.0 cm   |
| Package 2 Weight             | 12.118 kg |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| REACH Regulation           |  <a href="#">REACH Declaration</a>             |
| EU RoHS Directive          | Compliant  <a href="#">EU RoHS Declaration</a> |
| Mercury free               | Yes   |
| RoHS exemption information |  <a href="#">Yes</a>                           |
| China RoHS Regulation      |  <a href="#">China RoHS Declaration</a>        |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|