



Main

| | |
|---------------------------|-------------------------------|
| Range | Compact |
| Range of product | NS630b...1600 |
| Product name | Compact NS |
| Product or component type | Basic frame |
| Device short name | Compact NS630bLB |
| Device application | Distribution |
| Circuit breaker name | Compact NS630bLB |
| Poles description | 4P |
| Network type | AC |
| Breaking capacity code | LB |
| Suitability for isolation | Yes conforming to IEC 60947-2 |
| Utilisation category | Category A |

Complementary

| | |
|--|---|
| Network frequency | 50/60 Hz |
| Control type | Toggle Rotary handle |
| Mounting mode | Drawout |
| [In] rated current | 630 A (50 °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 | Icu 100 kA at 500/525 V AC 50/60 Hz conforming to IEC 60947-2 Icu 75 kA at 660/690 V AC 50/60 Hz conforming to IEC 60947-2 Icu 200 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 Icu 200 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 Icu 200 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 |
| [Ics] rated service breaking capacity | Ics 200 kA 220/240 V AC 50/60 Hz manual operation conforming to EN 60947-2 Ics 200 kA 440 V AC 50/60 Hz manual operation conforming to IEC 60947-2 Ics 200 kA 380/415 V AC 50/60 Hz manual operation conforming to EN 60947-2 Ics 75 kA 660/690 V AC 50/60 Hz manual operation conforming to IEC 60947-2 Ics 100 kA 500/525 V AC 50/60 Hz manual operation conforming to EN 60947-2 |
| Protection type | Without protection |
| Mechanical durability | 10000 cycles conforming to IEC 60947-2 |

| | |
|-----------------------|--|
| Electrical durability | 2000 cycles 690 V In conforming to IEC 60947-2 3000 cycles 440 V In conforming to IEC 60947-2 3000 cycles 690 V In/2 conforming to IEC 60947-2 4000 cycles 440 V In/2 conforming to IEC 60947-2 |
| Connection pitch | 70 mm |
| Height | 327 mm |
| Width | 280 mm |
| Depth | 147 mm |
| Compatibility code | NS630b |

Environment

| | |
|---------------------------------------|------------------------------|
| Standards | IEC 60947-2 |
| Product certifications | ASTA LCIE ASEFA |
| Power losses | 34 W |
| IP degree of protection | IP40 conforming to IEC 60529 |
| IK degree of protection | IK07 conforming to EN 50102 |
| Pollution degree | 3 conforming to IEC 60947 |
| Ambient air temperature for operation | -25...70 °C |
| Ambient air temperature for storage | -50...85 °C |

Contractual warranty

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