

Product data sheet

Specifications



Circuit breaker frame, ComPacT NS630bL, 150kA/415VAC, 630A, withdrawable, electrically operated, without trip unit, 3P

33372

Main

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| Range | ComPacT |
| Range Of Product | ComPacT NS630b...1600 new generation |
| Device Short Name | Compact NS630bL |
| Product Or Component Type | Basic frame |
| Device Application | Distribution |
| Number Of Poles | 3P |
| [In] Rated Current | 630 A at 50 °C |
| [Ue] Rated Operational Voltage | 690 V AC 50/60 Hz |
| 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 60947-2 100 kA Icu at 500/525 V AC 50/60 Hz conforming to IEC 60947-2 |
| Performance Level | L 150 kA 415 V AC |
| Control Type | Electrically operated Motor mechanism with external connector |
| Mounting Mode | Drawout |

Complementary

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| [Ui] Rated Insulation Voltage | 1000 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 | 100 kA at 500/525 V AC 50/60 Hz conforming to IEC 60947-2 (electrical operation) 130 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 (electrical operation) 150 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 (electrical operation) 150 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 (electrical operation) |
| Mechanical Durability | 10000 cycles conforming to IEC 60947-2 |
| Electrical Durability | 2000 cycles 690 V AC 50/60 Hz In conforming to IEC 60947-2 3000 cycles 440 V AC 50/60 Hz In conforming to IEC 60947-2 3000 cycles 690 V AC 50/60 Hz In/2 conforming to IEC 60947-2 4000 cycles 440 V AC 50/60 Hz In/2 conforming to IEC 60947-2 |
| Power Losses | 34 W |
| Mounting Support | Backplate |
| Connection Pitch | 70 mm |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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| Protection Type | Without protection |
| Height (H) | 327 mm |
| Width (W) | 210 mm |
| Depth (D) | 147 mm |

Environment

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|---------------------------------------|------------------------------|
| Standards | IEC 60947-2 |
| Product Certifications | ASEFA LCIE ASTA |
| Pollution Degree | 3 conforming to IEC 60947 |
| Ip Degree Of Protection | IP40 conforming to IEC 60529 |
| Ik Degree Of Protection | IK07 conforming to EN 50102 |
| 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 Height | 36.0 cm |
| Package 1 Width | 40.0 cm |
| Package 1 Length | 23.0 cm |
| Package 1 Weight | 16.664 kg |

Contractual warranty

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| Warranty | 18 months |
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