# Product datasheet

Specifications



## circuit breaker basic frame. ComPact NS 630bL. 150 kA at 415 VAC. 630 A. fixed. manually operated. without trip unit. 4 P

33226

**Price: 45,175.75 ZAR**

## Main

| | |
|---|---|
| **Range** | ComPact |
| **Range Of Product** | ComPact NS630b...1600 |
| **Device Short Name** | Compact NS630bL |
| **Product Or Component Type** | Basic frame |
| **Device Application** | Distribution |
| **Number Of Poles** | 4P |
| **Neutral Position** | Left |
| **[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<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>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** | Toggle<br>Rotary handle |
| **Mounting Mode** | Fixed |

## Complementary

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|---|---|
| **[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** | 100 kA at 500/525 V AC 50/60 Hz conforming to IEC 60947-2 (manual operation)<br>130 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 (manual operation)<br>150 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 (manual operation)<br>150 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 (manual 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<br>3000 cycles 440 V AC 50/60 Hz In conforming to IEC 60947-2<br>3000 cycles 690 V AC 50/60 Hz In/2 conforming to IEC 60947-2<br>4000 cycles 440 V AC 50/60 Hz In/2 conforming to IEC 60947-2 |
| **Power Losses** | 15 W |

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

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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|---|---|
| **Mounting Support** | Backplate |
| **Connection Pitch** | 70 mm |
| **Protection Type** | Without protection |
| **Height (H)** | 327 mm |
| **Width (W)** | 280 mm |
| **Depth (D)** | 147 mm |

## Environment

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|---|---|
| **Standards** | IEC 60947-2 |
| **Product Certifications** | ASTA<br>ASEFA<br>LCIE |
| **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** | 37.0 cm |
| **Package 1 Width** | 38.0 cm |
| **Package 1 Length** | 30.0 cm |
| **Package 1 Weight** | 15.757 kg |

## Contractual warranty

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