

# Product datasheet

Specifications



## circuit breaker Compact NS630bLB - 630 A - 3 poles - drawout - without trip unit

48967

⚠ Discontinued on: 9 Oct 2025

⚠ Discontinued

### Main

|                                |                                                                                                                                                                                                                                                                                                                              |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range                          | ComPact                                                                                                                                                                                                                                                                                                                      |
| Range of product               | ComPact NS630b...1600                                                                                                                                                                                                                                                                                                        |
| Device short name              | Compact NS630bLB                                                                                                                                                                                                                                                                                                             |
| 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                                                                                                                                                                                                                                                                                                                   |
| Breaking capacity              | 200 kA Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2<br>200 kA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2<br>200 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2<br>75 kA Icu at 660/690 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 |
| Breaking capacity code         | LB 200 kA 415 V AC                                                                                                                                                                                                                                                                                                           |
| Control type                   | Rotary handle<br>Toggle                                                                                                                                                                                                                                                                                                      |
| Mounting mode                  | Drawout                                                                                                                                                                                                                                                                                                                      |

### 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 breaking capacity  | 200 kA at 220/240 V AC 50/60 Hz conforming to EN 60947-2 (manual operation)<br>200 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 (manual operation)<br>200 kA at 380/415 V AC 50/60 Hz conforming to EN 60947-2 (manual operation)<br>75 kA at 660/690 V AC 50/60 Hz conforming to IEC 60947-2 (manual operation)<br>100 kA at 500/525 V AC 50/60 Hz conforming to EN 60947-2 (manual operation) |
| Mechanical durability                  | 10000 cycles conforming to IEC 60947-2                                                                                                                                                                                                                                                                                                                                                               |
| Electrical durability                  | 2000 cycles 690 V In conforming to IEC 60947-2<br>3000 cycles 440 V In conforming to IEC 60947-2<br>3000 cycles 690 V In/2 conforming to IEC 60947-2<br>4000 cycles 440 V In/2 conforming to IEC 60947-2                                                                                                                                                                                             |
| Power losses                           | 34 W                                                                                                                                                                                                                                                                                                                                                                                                 |

Excluding VAT, FCA Jabal Ali & amp; are subject to change – check with your local distributor.

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

|                  |                    |
|------------------|--------------------|
| Mounting support | Backplate          |
| Connection pitch | 70 mm              |
| Protection type  | Without protection |
| Height (H)       | 327 mm             |
| Width (W)        | 210 mm             |
| Depth (D)        | 147 mm             |

## Environment

|                                       |                              |
|---------------------------------------|------------------------------|
| Standards                             | IEC 60947-2                  |
| Product certifications                | LCIE<br>ASEFA<br>ASTA        |
| Overvoltage category                  | III                          |
| Electrical shock protection class     | Class II on front face       |
| 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 storage   | -50...85 °C                  |
| Ambient air temperature for operation | -25...70 °C                  |

## Packing Units

|                              |           |
|------------------------------|-----------|
| Unit Type of Package 1       | PCE       |
| Number of Units in Package 1 | 1         |
| Package 1 Height             | 5.0 cm    |
| Package 1 Width              | 30.0 cm   |
| Package 1 Length             | 35.0 cm   |
| Package 1 Weight             | 13.581 kg |

## Contractual warranty

|                      |    |
|----------------------|----|
| Warranty (in months) | 18 |
|----------------------|----|



## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



### Environmental footprint

|                                                        |                                               |
|--------------------------------------------------------|-----------------------------------------------|
| Total lifecycle Carbon footprint                       | 889 kg CO2 eq.                                |
| Carbon footprint of the manufacturing phase [A1 to A3] | 190 kg CO2 eq.                                |
| Carbon footprint of the distribution phase [A4]        | 4 kg CO2 eq.                                  |
| Carbon footprint of the installation phase [A5]        | 2 kg CO2 eq.                                  |
| Carbon footprint of the use phase [B2, B3, B4, B6]     | 673 kg CO2 eq.                                |
| Carbon footprint of the end-of-life phase [C1 to C4]   | 20 kg CO2 eq.                                 |
| Environmental Disclosure                               | <a href="#">Product Environmental Profile</a> |

## Use Better



### Materials and Substances

|                                        |                                                                                        |
|----------------------------------------|----------------------------------------------------------------------------------------|
| Packaging made with recycled cardboard | Yes                                                                                    |
| Packaging without single use plastic   | No                                                                                     |
| SCIP Number                            | 3be14b62-7f55-4895-ad19-c7e3c390fbc0                                                   |
| EU RoHS Directive                      | <a href="#">Compliant By Exemption</a>                                                 |
| REACH Regulation                       | <a href="#">Reference contains Substances of Very High Concern above the threshold</a> |
| Halogen-free status                    | Product contains halogen above thresholds                                              |

## Use Longer



### Lifetime extension

|        |    |
|--------|----|
| Repair | No |
|--------|----|

## Use Again



### Repack and remanufacture

|                                 |                                                                                                                                                                                                                 |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Recyclability potential, in %   | 56                                                                                                                                                                                                              |
| End of life manual availability | <a href="#">End of Life Information</a>                                                                                                                                                                         |
| Take-back                       | No                                                                                                                                                                                                              |
| WEEE Label                      |  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |