

# Product datasheet

Specifications



## LV432080 - Trip unit Micrologic 2.3 for Compact NSX 630 Circuit breakers. electronic. rating 630A. 3 poles 3d

LV432080

! Discontinued

! Discontinued on: 15 Jun 2023

Price: 6,808.11 ZAR

### Main

|                                |                                                                                                                                                            |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range                          | ComPact                                                                                                                                                    |
| Range Of Product               | ComPact NSX400...630                                                                                                                                       |
| Product Or Component Type      | Trip unit                                                                                                                                                  |
| Trip Unit Name                 | MicroLogic 2.3                                                                                                                                             |
| Trip Unit Technology           | Electronic                                                                                                                                                 |
| Range Compatibility            | ComPact NSX630                                                                                                                                             |
| Device Application             | Distribution                                                                                                                                               |
| Number Of Poles                | 3P                                                                                                                                                         |
| Protected Poles Description    | 3t                                                                                                                                                         |
| Trip Unit Protection Functions | LSol                                                                                                                                                       |
| Protection Type                | L : for overload protection (long time)<br>So : for short time short-circuit protection with fixed delay<br>I : for instantaneous short-circuit protection |
| Trip Unit Rated Current        | 630 A at 40 °C                                                                                                                                             |
| [Ue] Rated Operational Voltage | 690 V AC 50/60 Hz                                                                                                                                          |
| Network Type                   | AC                                                                                                                                                         |
| Network Frequency              | 50/60 Hz                                                                                                                                                   |

### Complementary

|                                                           |                                                         |
|-----------------------------------------------------------|---------------------------------------------------------|
| Long-Time Pick-Up Adjustment Type Ir (Thermal Protection) | Adjustable 9 settings                                   |
| [Ir] Long-Time Protection Pick-Up Adjustment Range        | 250...630 A                                             |
| Long-Time Protection Delay Adjustment Type Tr             | Fixed                                                   |
| [Tr] Long-Time Protection Delay Adjustment Range          | 11 s at 7.2 x Ir<br>16 s at 6 x Ir<br>400 s at 1.5 x Ir |
| Thermal Memory                                            | 20 minutes before and after tripping                    |
| Short-Time Protection Pick-Up Adjustment Type Isd         | Adjustable 9 settings                                   |
| [Isd] Short-Time Protection Pick-Up Adjustment Range      | 1.5...10 x Ir                                           |
| Short-Time Protection Delay Adjustment Type Tsd           | Fixed                                                   |
| [Tsd] Short-Time Protection Delay Adjustment Range        | 0.02 s                                                  |

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

|                                                        |                                                                                                                   |
|--------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Instantaneous Protection Pick-Up Adjustment Type Ii    | Fixed                                                                                                             |
| [Ii] Instantaneous Protection Pick-Up Adjustment Range | 6900 A                                                                                                            |
| Earth-Leakage Protection                               | Without                                                                                                           |
| Zone Selective Interlocking Zsi                        | Without                                                                                                           |
| Local Signalling                                       | Flashing LED (green) for ready to operate<br>LED 105 % Ir (red) for overload<br>LED 90 % Ir (orange) for overload |

## Environment

|                                       |                          |
|---------------------------------------|--------------------------|
| Standards                             | UL 508<br>EN/IEC 60947-2 |
| Product Certifications                | CCC<br>Marine<br>EAC     |
| 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             | 13.5 cm  |
| Package 1 Width              | 17.5 cm  |
| Package 1 Length             | 22.0 cm  |
| Package 1 Weight             | 1.407 kg |
| Unit Type Of Package 2       | S04      |
| Number Of Units In Package 2 | 10       |
| Package 2 Height             | 30.0 cm  |
| Package 2 Width              | 40.0 cm  |
| Package 2 Length             | 60.0 cm  |
| Package 2 Weight             | 15.02 kg |
| Unit Type Of Package 3       | P06      |
| Number Of Units In Package 3 | 40       |
| Package 3 Height             | 77.0 cm  |
| Package 3 Width              | 80.0 cm  |
| Package 3 Length             | 60.0 cm  |
| Package 3 Weight             | 67.84 kg |

## Contractual warranty

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

# Sustainability

**Green Premium™ label** is Schneider Electric’s commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product’s sustainability >](#)

## Well-being performance

|                                                                                                              |                                                                                                                             |
|--------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
|  Mercury Free               |                                                                                                                             |
|  Rohs Exemption Information | Yes                                                                                                                         |
| Reach Regulation                                                                                             | <a href="#">REACH Declaration</a>                                                                                           |
| Eu Rohs Directive                                                                                            | Compliant with Exemptions                                                                                                   |
| China Rohs Regulation                                                                                        | <a href="#">China RoHS declaration</a><br>Product out of China RoHS scope. Substance declaration for your information       |
| Weee                                                                                                         | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |