

# Product datasheet

Specifications



## circuit breaker EasyPact EZC100N - TMD - 100 A - 4 poles 3d

EZC100N4100

Price: 3,060.86 ZAR

### Main

|                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range Of Product                       | EasyPact                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Product Or Component Type              | Circuit breaker                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Device Short Name                      | EasyPact EZC100N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Circuit Breaker Name                   | EasyPact EZC100N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Device Application                     | Distribution                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Poles Description                      | 4P                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Protected Poles Description            | 3t                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Network Type                           | AC<br>DC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Network Frequency                      | 50/60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| [In] Rated Current                     | 100 A at 40 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| [Ui] Rated Insulation Voltage          | 690 V AC 50/60 Hz conforming to IEC 60947-2                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| [Uimp] Rated Impulse Withstand Voltage | 6 kV conforming to IEC 60947-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| [Ue] Rated Operational Voltage         | 550 V AC 50/60 Hz conforming to IEC 60947-2<br>250 V DC conforming to IEC 60947-2                                                                                                                                                                                                                                                                                                                                                                                                               |
| Breaking Capacity Code                 | N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Breaking Capacity                      | 10 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2<br>25 kA Icu at 110...130 V AC 50/60 Hz conforming to IEC 60947-2<br>25 kA Icu at 220...240 V AC 50/60 Hz conforming to IEC 60947-2<br>5 kA Icu at 125 V DC 1P conforming to IEC 60947-2<br>5 kA Icu at 250 V DC 2P conforming to IEC 60947-2<br>5 kA Icu at 550 V AC 50/60 Hz conforming to IEC 60947-2<br>15 kA Icu at 415 V AC 50/60 Hz conforming to IEC 60947-2<br>18 kA Icu at 380...400 V AC 50/60 Hz conforming to IEC 60947-2 |
| [Ics] Rated Service Breaking Capacity  | 5 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2<br>2.5 kA at 125 V DC conforming to IEC 60947-2<br>2.5 kA at 250 V DC conforming to IEC 60947-2<br>2.5 kA at 550 V AC 50/60 Hz conforming to IEC 60947-2<br>12.5 kA at 220...240 V AC 50/60 Hz conforming to IEC 60947-2<br>12.5 kA at 110...130 V AC 50/60 Hz conforming to IEC 60947-2<br>9 kA at 380...400 V AC 50/60 Hz conforming to IEC 60947-2<br>7.5 kA at 415 V AC 50/60 Hz conforming to IEC 60947-2                              |
| Suitability For Isolation              | Yes conforming to IEC 60947-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Utilisation Category                   | Category A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Trip Unit Name                         | TM-D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Trip Unit Technology                   | Thermal-magnetic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Trip Unit Rating                       | 100 A at 50 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Protection Type                        | Overload protection<br>Short-circuit protection                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

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

|                  |                           |
|------------------|---------------------------|
| Pollution Degree | 3 conforming to IEC 60947 |
|------------------|---------------------------|

## Complementary

|                            |                                                                     |
|----------------------------|---------------------------------------------------------------------|
| Control Type               | Toggle                                                              |
| Mounting Mode              | Fixed                                                               |
| Mounting Support           | Backplate                                                           |
| Upside Connection          | Front                                                               |
| Downside Connection        | Front                                                               |
| Mechanical Durability      | 13000 cycles                                                        |
| Electrical Durability      | Category A: 4000 cycles 415 V AC 50/60 Hz conforming to IEC 60947-2 |
| Connection Pitch           | 25 mm                                                               |
| Local Signalling           | Positive contact indication                                         |
| Neutral Protection Setting | Without protection                                                  |
| Earth-Leakage Protection   | Without                                                             |
| Height                     | 130 mm                                                              |
| Width                      | 100 mm                                                              |
| Depth                      | 60 mm                                                               |

## Environment

|                                       |                                                                   |
|---------------------------------------|-------------------------------------------------------------------|
| Standards                             | EN/IEC 60947-2<br>JIS C8201-2-2<br>EN/IEC 60947-1<br>GB/T 14048.2 |
| Ip Degree Of Protection               | IP20 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   | -35...85 °C                                                       |

## Packing Units

|                              |          |
|------------------------------|----------|
| Unit Type Of Package 1       | PCE      |
| Number Of Units In Package 1 | 1        |
| Package 1 Height             | 9.5 cm   |
| Package 1 Width              | 11.0 cm  |
| Package 1 Length             | 14.0 cm  |
| Package 1 Weight             | 1.013 kg |
| Unit Type Of Package 2       | S02      |
| Number Of Units In Package 2 | 9        |
| Package 2 Height             | 15.0 cm  |
| Package 2 Width              | 30.0 cm  |
| Package 2 Length             | 40.0 cm  |
| Package 2 Weight             | 9.512 kg |
| Unit Type Of Package 3       | P12      |
| Number Of Units In Package 3 | 288      |

|                  |        |
|------------------|--------|
| Package 3 Height | 75 cm  |
| Package 3 Width  | 120 cm |
| Package 3 Length | 80 cm  |
| Package 3 Weight | 316 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 >](#)



Transparency   RoHS/REACH

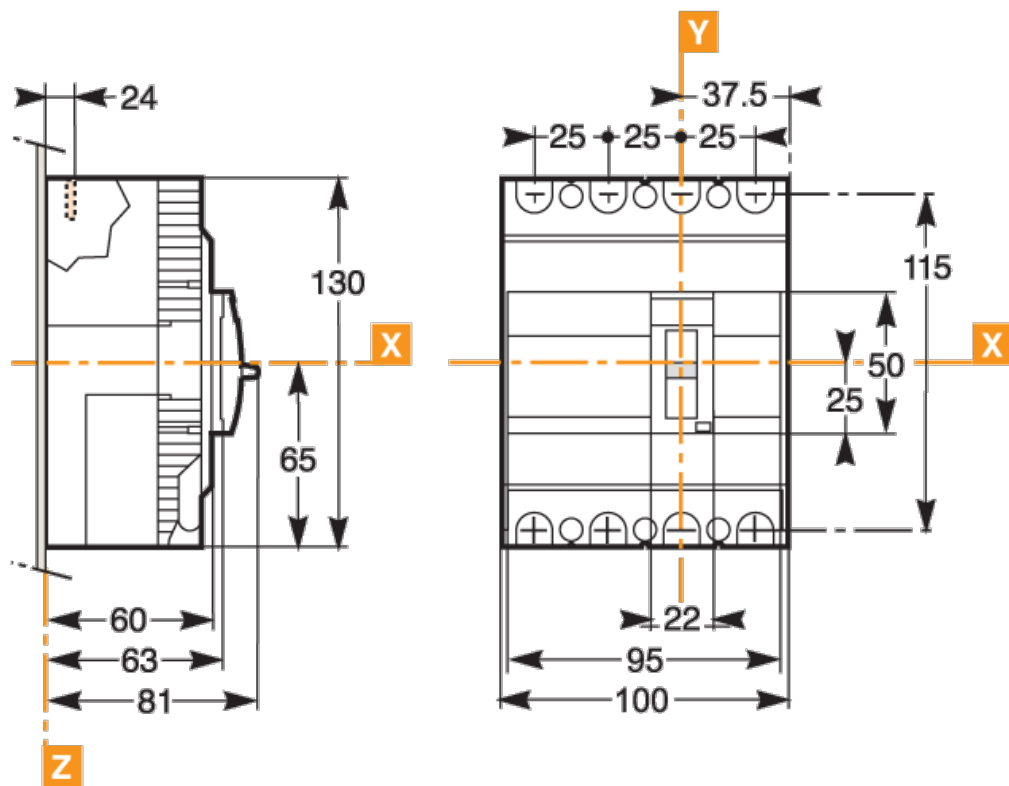
Well-being performance

|   |                            |     |
|---|----------------------------|-----|
| ✓ | Reach Free Of Svhc         |     |
| ✓ | Toxic Heavy Metal Free     |     |
| ✓ | Mercury Free               |     |
| ✓ | Rohs Exemption Information | Yes |

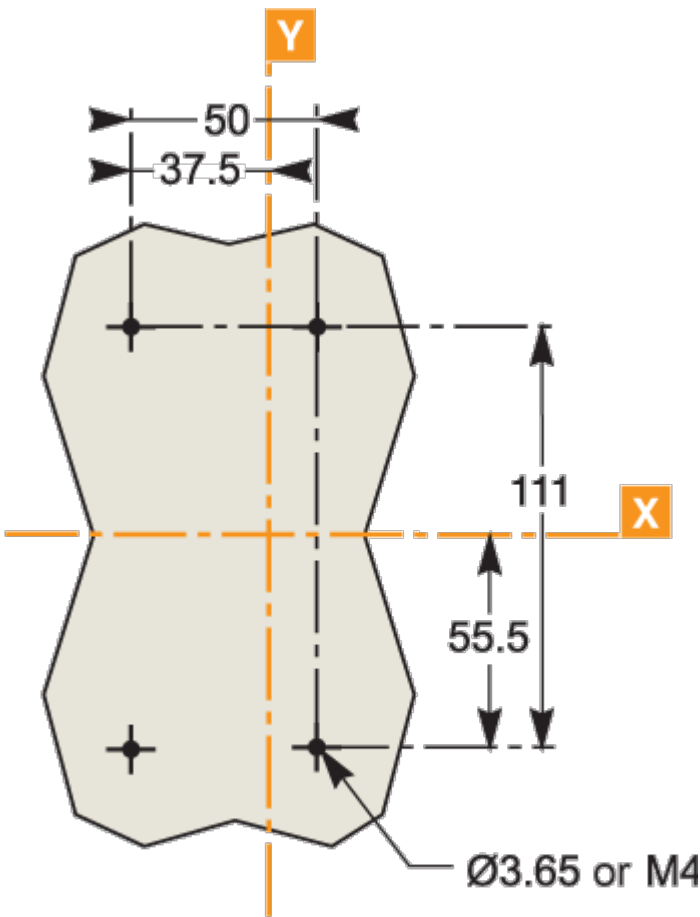
Certifications & Standards

|                          |                                                                                                                             |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Reach Regulation         | <a href="#">REACH Declaration</a>                                                                                           |
| Eu Rohs Directive        | Compliant<br><a href="#">EU RoHS Declaration</a>                                                                            |
| China Rohs Regulation    | <a href="#">China RoHS declaration</a>                                                                                      |
| Environmental Disclosure | <a href="#">Product Environmental Profile</a>                                                                               |
| Weee                     | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| Circularity Profile      | No need of specific recycling operations                                                                                    |

Dimensions Drawings



Assembly



Performance Curves

