

# Lembar data produk

Spesifikasi



## circuit breaker EasyPact EZC100N - TMD - 50 A - 4 poles 3d

EZC100N4050

### 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                           | DC<br>AC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Network Frequency                      | 50/60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| [In] Rated Current                     | 50 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                       | 50 A at 50 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Protection Type                        | Overload protection<br>Short-circuit protection                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

Disklaimer: Dokumentasi ini tidak ditujukan sebagai pengganti dan tidak untuk digunakan untuk menentukan kesesuaian atau keandalan produk ini untuk aplikasi pengguna

|                  |                           |
|------------------|---------------------------|
| 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      | 8500 cycles                                                         |
| Electrical Durability      | Category A: 1500 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             | 988.0 g  |
| 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             | 9.274 kg |
| Unit Type Of Package 3       | P06      |
| Number Of Units In Package 3 | 144      |

|                  |        |
|------------------|--------|
| Package 3 Height | 75 cm  |
| Package 3 Width  | 60 cm  |
| Package 3 Length | 80 cm  |
| Package 3 Weight | 157 kg |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 12 months |
|----------|-----------|

Keberlanjutan



**Green Premium™** label adalah komitmen Schneider Electric untuk memberikan produk dengan performa lingkungan terbaik di kelasnya. Green Premium menjanjikan kepatuhan pada peraturan terbaru, transparansi pada dampak lingkungan, serta produk melingkar dan rendah CO<sub>2</sub>.

**Panduan untuk menilai keberlanjutan produk** adalah laporan resmi yang menjelaskan standar label lingkungan global dan bagaimana menafsirkan deklarasi lingkungan.

[Pelajari lebih lanjut tentang Green Premium >](#)

[Panduan untuk menilai keberlanjutan produk >](#)



Transparansi   RoHS/REACH

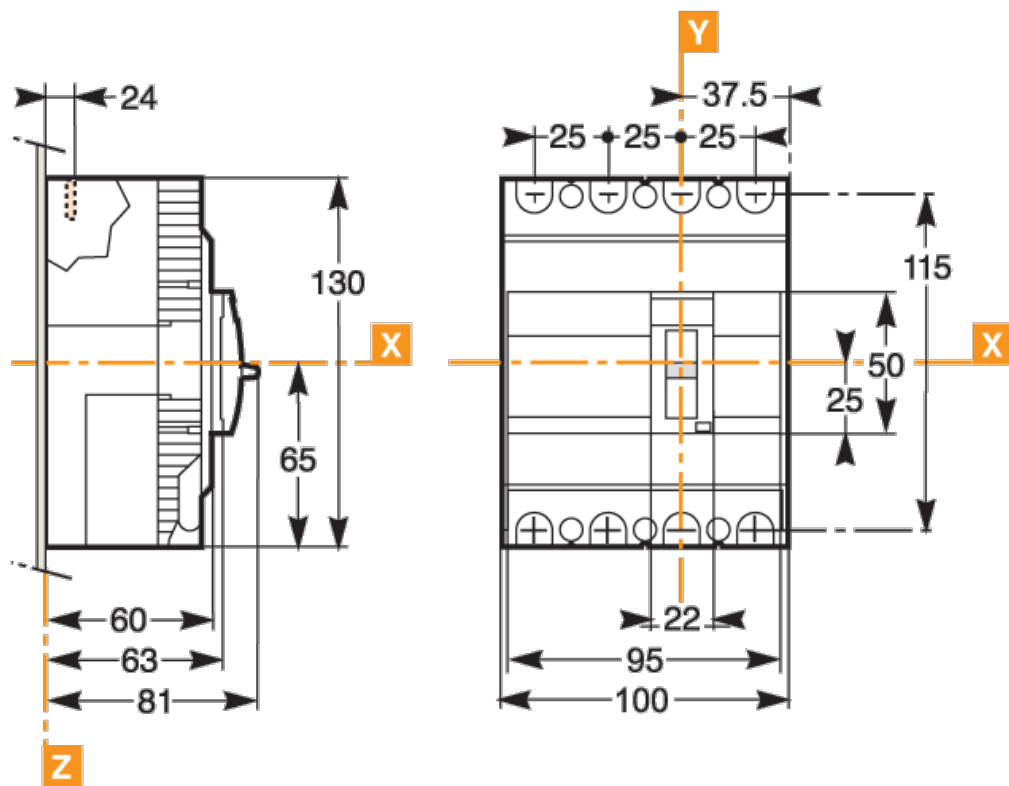
## Kinerja kesejahteraan

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

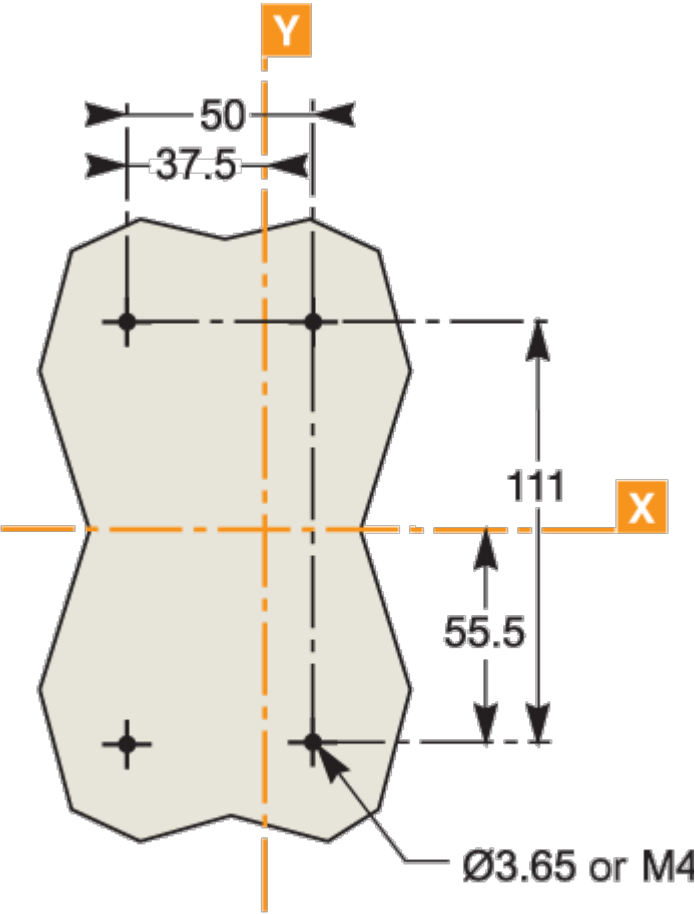
## Sertifikasi & Standar

|                          |                                                                                                                             |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| 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

