

# Lembar data produk

Spesifikasi



## circuit breaker Easypact EZC100N - TMD - 60 A - 4 poles 3d

EZC100N4060

### 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                     | 60 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                       | 60 A at 50 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

|                                       |                                                                     |
|---------------------------------------|---------------------------------------------------------------------|
| Protection type                       | Short-circuit protection<br>Overload protection                     |
| Pollution degree                      | 3 conforming to IEC 60947                                           |
| <b>Complementary</b>                  |                                                                     |
| 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                                                               |
| <b>Environment</b>                    |                                                                     |
| Standards                             | JIS C8201-2-2<br>EN/IEC 60947-1<br>EN/IEC 60947-2<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                                                         |
| <b>Packing Units</b>                  |                                                                     |
| Unit Type of Package 1                | PCE                                                                 |
| Number of Units in Package 1          | 1                                                                   |
| Package 1 Height                      | 9 cm                                                                |
| Package 1 Width                       | 13.5 cm                                                             |
| Package 1 Length                      | 10.5 cm                                                             |
| Package 1 Weight                      | 1.011 kg                                                            |
| Unit Type of Package 2                | S02                                                                 |
| Number of Units in Package 2          | 9                                                                   |
| Package 2 Height                      | 15 cm                                                               |
| Package 2 Width                       | 30 cm                                                               |
| Package 2 Length                      | 40 cm                                                               |
| Package 2 Weight                      | 9.499 kg                                                            |
| Unit Type of Package 3                | PAL                                                                 |
| Number of Units in Package 3          | 288                                                                 |

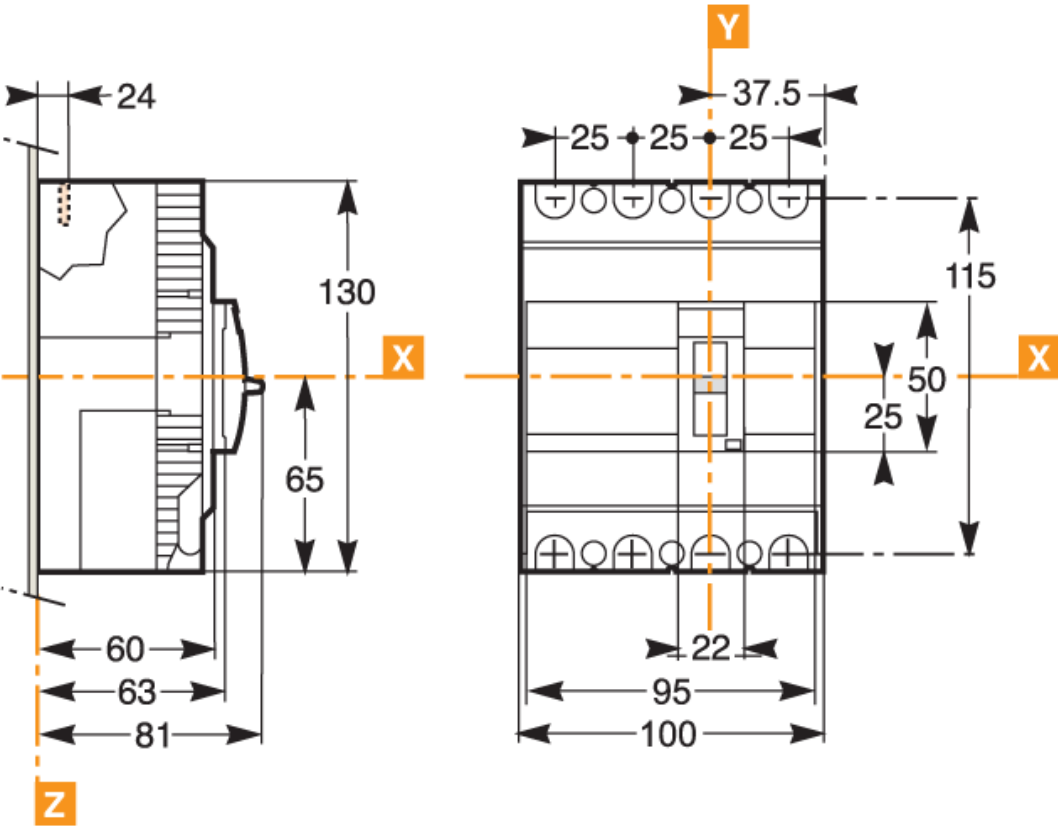
|                  |            |
|------------------|------------|
| Package 3 Height | 80 cm      |
| Package 3 Width  | 120 cm     |
| Package 3 Length | 288 cm     |
| Package 3 Weight | 301.536 kg |

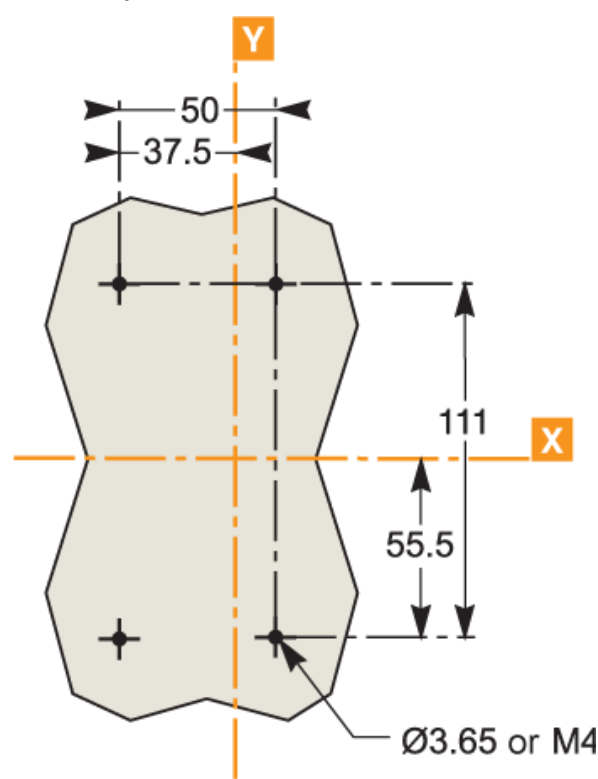
### Offer Sustainability

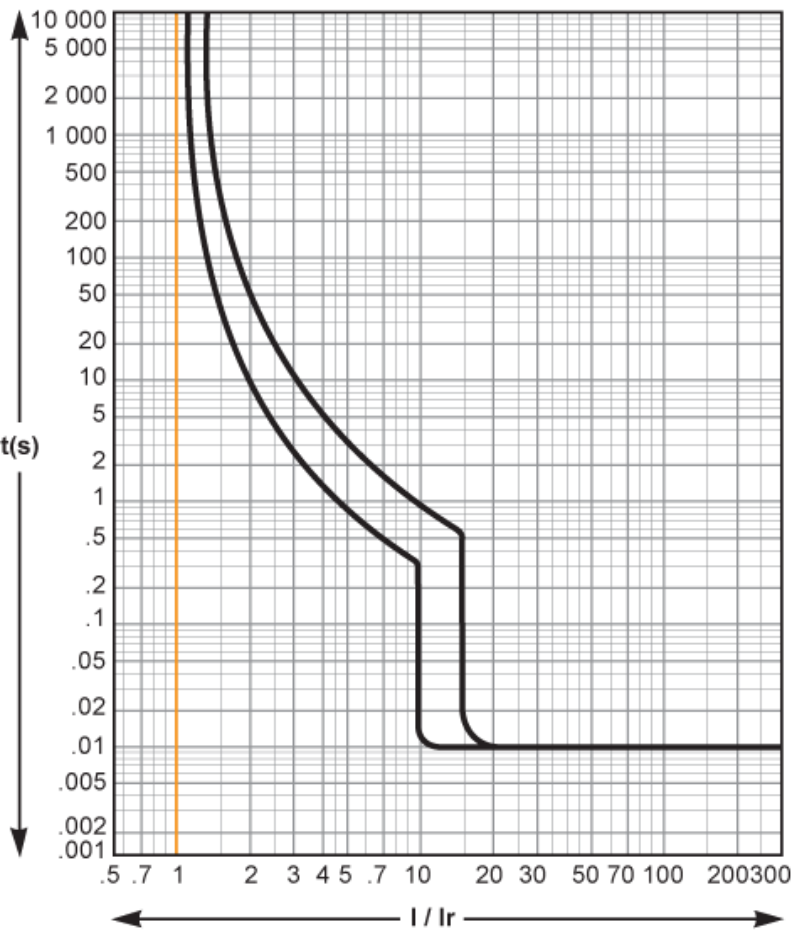
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|----------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                       |
| REACH Regulation           | <a href="#">REACH Declaration</a>                                                                                           |
| REACH free of SVHC         | Yes                                                                                                                         |
| EU RoHS Directive          | Compliant<br><a href="#">EU RoHS Declaration</a>                                                                            |
| Toxic heavy metal free     | Yes                                                                                                                         |
| Mercury free               | Yes                                                                                                                         |
| China RoHS Regulation      | <a href="#">China RoHS declaration</a>                                                                                      |
| RoHS exemption information | <a href="#">Yes</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 |

### Contractual warranty

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







Penggantian yang disarankan