

# Product data sheet

Specifications



## circuit breaker EasyPact EZC100H - TMD - 15 A - 3 poles 3d

EZC100H3015

### Main

|                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range Of Product                       | EasyPact                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Product Or Component Type              | Circuit breaker                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Device Short Name                      | EasyPact EZC100H                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Circuit Breaker Name                   | EasyPact EZC100H                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Device Application                     | Distribution                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Poles Description                      | 3P                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Protected Poles Description            | 3t                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Network Type                           | AC<br>DC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Network Frequency                      | 50/60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| [In] Rated Current                     | 15 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                 | H                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Breaking Capacity                      | 10 kA Icu at 125 V DC 1P conforming to IEC 60947-2<br>10 kA Icu at 250 V DC 2P conforming to IEC 60947-2<br>10 kA Icu at 550 V AC 50/60 Hz conforming to IEC 60947-2<br>100 kA Icu at 110...130 V AC 50/60 Hz conforming to IEC 60947-2<br>100 kA Icu at 220...240 V AC 50/60 Hz conforming to IEC 60947-2<br>20 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2<br>30 kA Icu at 380 V AC 50/60 Hz conforming to IEC 60947-2<br>30 kA Icu at 400...415 V AC 50/60 Hz conforming to IEC 60947-2 |
| [Ics] Rated Service Breaking Capacity  | 15 kA at 380 V AC 50/60 Hz conforming to IEC 60947-2<br>5 kA at 125 V DC conforming to IEC 60947-2<br>5 kA at 250 V DC conforming to IEC 60947-2<br>50 kA at 110/130 V AC 50/60 Hz conforming to IEC 60947-2<br>50 kA at 220/230/240 V AC 50/60 Hz conforming to IEC 60947-2<br>5 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2<br>2.5 kA at 550 V AC 50/60 Hz conforming to IEC 60947-2<br>7.5 kA at 400/415 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                       | 15 A at 50 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Protection Type                        | Short-circuit protection<br>Overload protection                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

List Price displayed is VAT EXCLUSIVE.

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 60664-1<br>3 conforming to IEC 947-1 |
|------------------|----------------------------------------------------------|

## 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                      | 75 mm                                                               |
| Depth                      | 60 mm                                                               |

## Environment

|                                       |                                                                   |
|---------------------------------------|-------------------------------------------------------------------|
| Standards                             | EN/IEC 60947-1<br>JIS C8201-2-2<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 IEC 62262                                      |
| 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              | 8.5 cm   |
| Package 1 Length             | 14.0 cm  |
| Package 1 Weight             | 790.0 g  |
| Unit Type Of Package 2       | S02      |
| Number Of Units In Package 2 | 12       |
| Package 2 Height             | 15.0 cm  |
| Package 2 Width              | 30.0 cm  |
| Package 2 Length             | 40.0 cm  |
| Package 2 Weight             | 9.854 kg |
| Unit Type Of Package 3       | PAL      |

|                              |           |
|------------------------------|-----------|
| Number Of Units In Package 3 | 384       |
| Package 3 Height             | 80.0 cm   |
| Package 3 Width              | 120.0 cm  |
| Package 3 Length             | 384.0 cm  |
| Package 3 Weight             | 314.88 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.

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Transparency   RoHS/REACH

Well-being performance

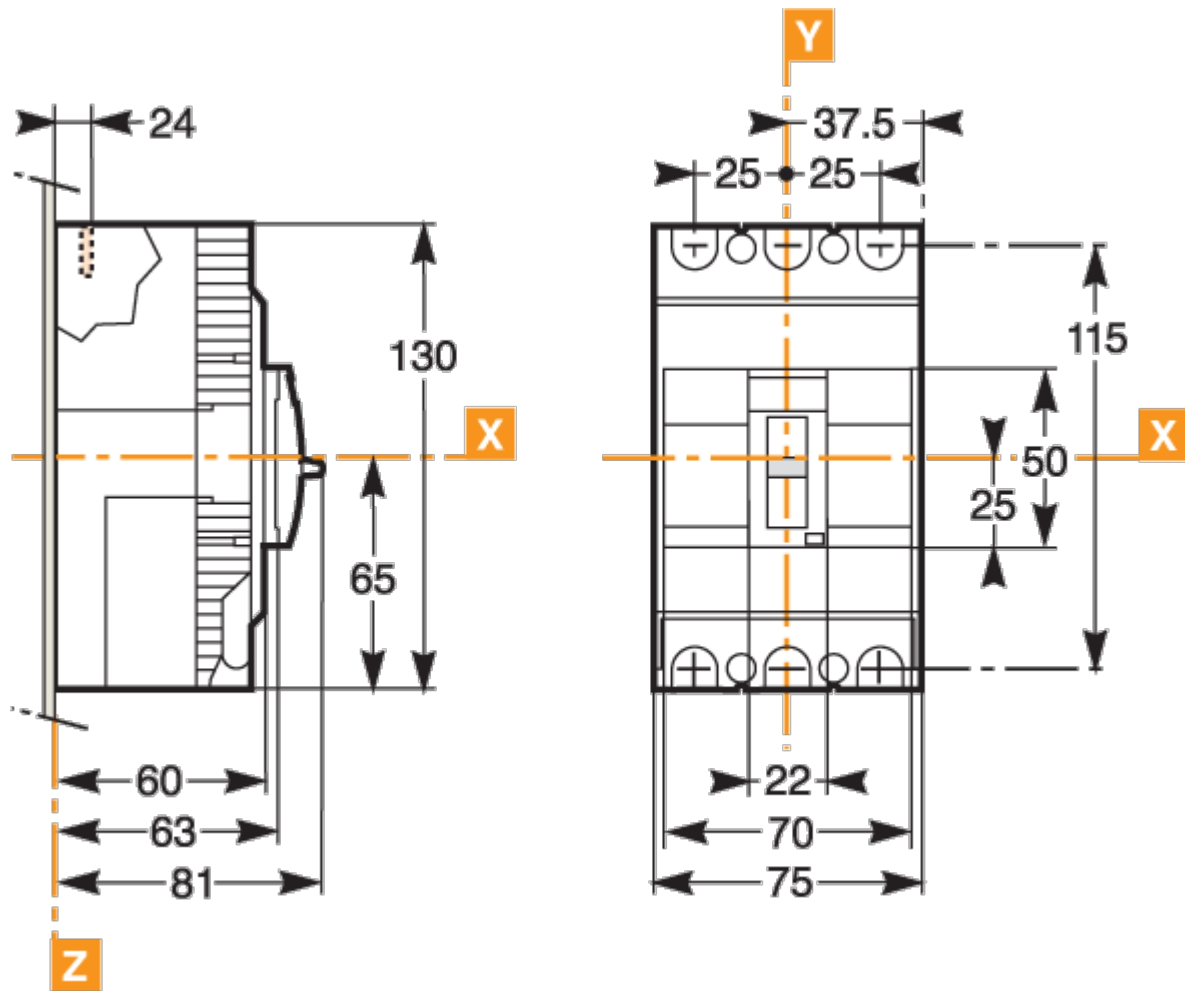
|   |                            |     |
|---|----------------------------|-----|
| ✓ | Reach Free Of Svhc         |     |
| ✓ | Toxic Heavy Metal Free     |     |
| ✓ | Mercury Free               |     |
| ✓ | Rohs Exemption Information | Yes |

Certifications & Standards

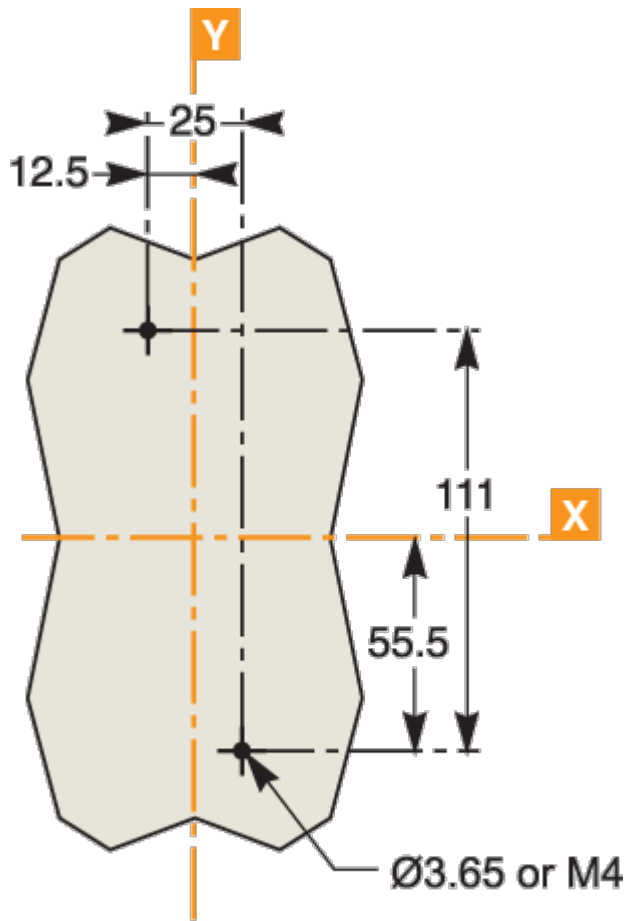
|                          |                                                                                                                             |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------|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

Product data sheet    EZC100H3015

Dimensions Drawings



Assembly



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Performance Curves

