# Product data sheet

Specifications

## circuit breaker Easypact EZC100F - TMD - 30 A - 3 poles 3d

EZC100F3030

## Main

| | |
|---|---|
| **Range Of Product** | EasyPact |
| **Product Or Component Type** | Circuit breaker |
| **Device Short Name** | Easypact EZC100F |
| **Circuit Breaker Name** | Easypact EZC100F |
| **Device Application** | Distribution |
| **Poles Description** | 3P |
| **Protected Poles Description** | 3t |
| **Network Type** | AC<br>DC |
| **Network Frequency** | 50/60 Hz |
| **[In] Rated Current** | 30 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** | F |
| **Breaking Capacity** | 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>10 kA Icu at 380 V AC 50/60 Hz conforming to IEC 60947-2<br>10 kA Icu at 400...415 V AC 50/60 Hz conforming to IEC 60947-2<br>7.5 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 |
| **[Ics] Rated Service Breaking Capacity** | 12.5 kA at 110/130 V AC 50/60 Hz conforming to IEC 60947-2<br>12.5 kA at 220/230/240 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>5 kA at 380 V AC 50/60 Hz conforming to IEC 60947-2<br>5 kA at 400/415 V AC 50/60 Hz conforming to IEC 60947-2<br>3.75 kA at 440 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** | 30 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>GB/T 14048.2<br>JIS C8201-2-2<br>EN/IEC 60947-2 |
| **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** | 763.0 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** | 9.512 kg |
| **Unit Type Of Package 3** | P12 |

| | |
|---|---|
| **Number Of Units In Package 3** | 384 |
| **Package 3 Height** | 75 cm |
| **Package 3 Width** | 120 cm |
| **Package 3 Length** | 80 cm |
| **Package 3 Weight** | 318 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-$CO_2$ products.

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Transparency

RoHS/REACh

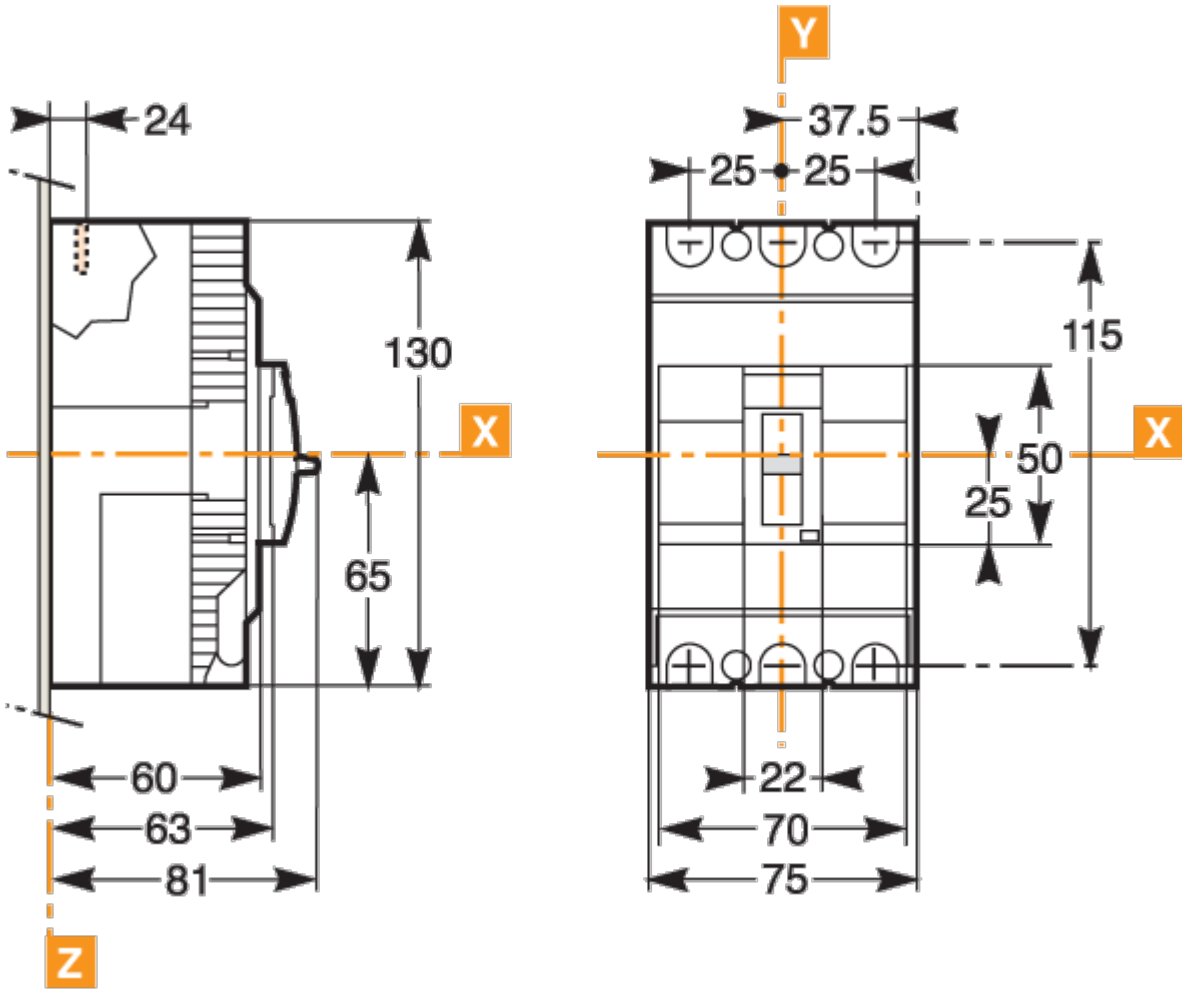
## Well-being performance

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

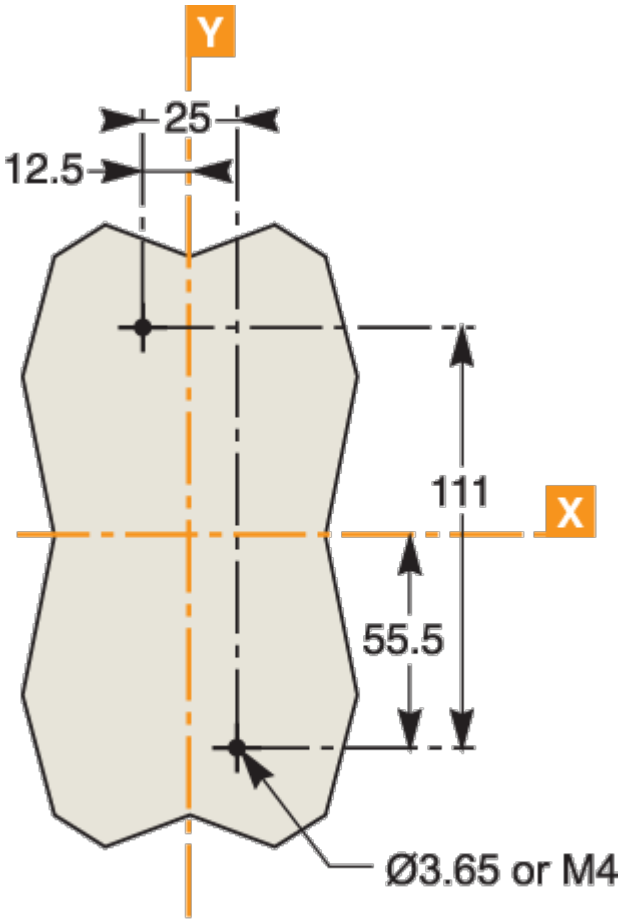
## Certifications & Standards

| | |
|---|---|
| **Reach Regulation** | REACh Declaration |
| **Eu Rohs Directive** | Compliant<br>EU RoHS Declaration |
| **China Rohs Regulation** | China RoHS declaration |
| **Environmental Disclosure** | Product Environmental Profile |
| **Weee** | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

Dimensions Drawings



Assembly



Performance Curves