



## Main

|                                        |                                                                                                                                                                                                                                                      |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range of product                       | EasyPact                                                                                                                                                                                                                                             |
| Product or component type              | Circuit breaker                                                                                                                                                                                                                                      |
| Device short name                      | EasyPact EZC630H                                                                                                                                                                                                                                     |
| Circuit breaker name                   | EasyPact EZC630H                                                                                                                                                                                                                                     |
| Device application                     | Distribution                                                                                                                                                                                                                                         |
| Poles description                      | 3P                                                                                                                                                                                                                                                   |
| Protected poles description            | 3t                                                                                                                                                                                                                                                   |
| Network type                           | DC<br>AC                                                                                                                                                                                                                                             |
| Network frequency                      | 50/60 Hz                                                                                                                                                                                                                                             |
| [In] rated current                     | 600 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         | 250 V DC conforming to IEC 60947-2<br>440 V AC 50/60 Hz conforming to IEC 60947-2                                                                                                                                                                    |
| Breaking capacity code                 | H                                                                                                                                                                                                                                                    |
| Breaking capacity                      | 50 kA Icu at 380 V AC 50/60 Hz conforming to IEC 60947-2<br>50 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2<br>70 kA Icu at 220/230 V AC 50/60 Hz conforming to IEC 60947-2<br>50 kA Icu at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 |
| [Ics] rated service breaking capacity  | 25 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2<br>70 kA at 220/230 V AC 50/60 Hz conforming to IEC 60947-2<br>50 kA at 380 V AC 50/60 Hz conforming to IEC 60947-2<br>50 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                       | 600 A at 50 °C                                                                                                                                                                                                                                       |
| Protection type                        | Short-circuit protection                                                                                                                                                                                                                             |

|                  |                           |
|------------------|---------------------------|
|                  | Overload protection       |
| Pollution degree | 3 conforming to IEC 60947 |

## Complementary

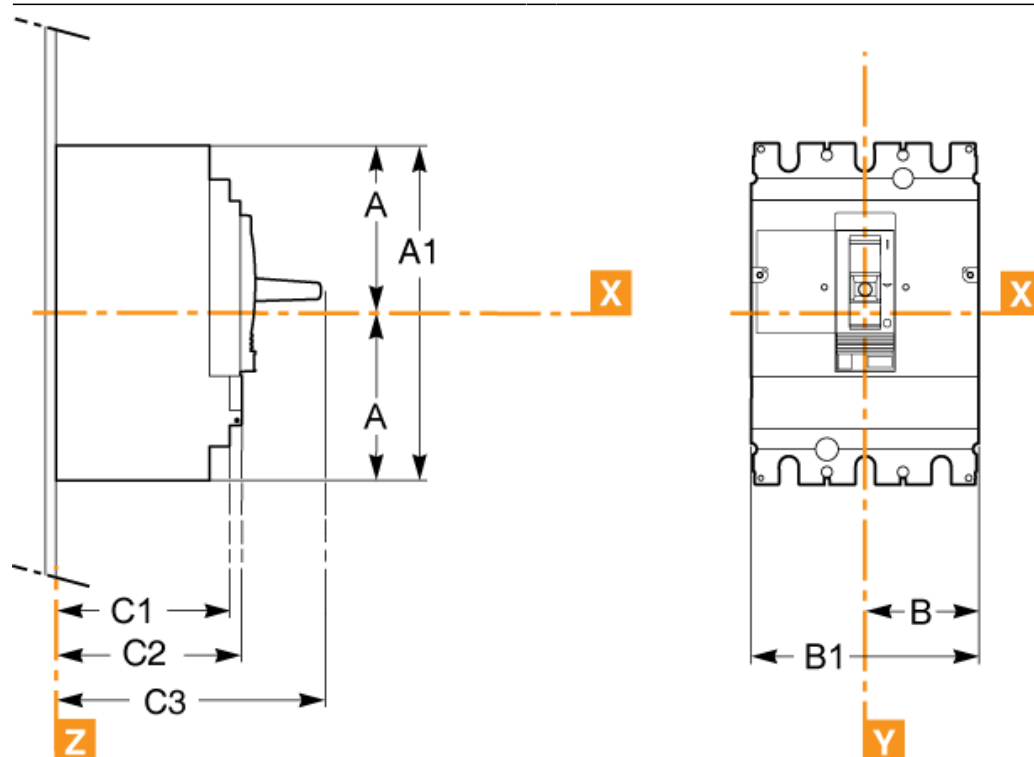
|                                      |                                                                     |
|--------------------------------------|---------------------------------------------------------------------|
| Control type                         | Toggle                                                              |
| Mounting mode                        | Fixed                                                               |
| Mounting support                     | Backplate                                                           |
| Upside connection                    | Front                                                               |
| Downside connection                  | Front                                                               |
| Mechanical durability                | 10000 cycles                                                        |
| Electrical durability                | Category A: 3000 cycles 415 V AC 50/60 Hz conforming to IEC 60947-2 |
| Connection pitch                     | 45 mm                                                               |
| Local signalling                     | Positive contact indication                                         |
| Contact position indicator           | Yes                                                                 |
| Magnetic tripping current            | 4000 A                                                              |
| Neutral protection setting           | Without protection                                                  |
| Long time pick-up adjustment type Ir | Fixed                                                               |
| Long time delay adjustment type      | Fixed                                                               |
| Earth-leakage protection             | Without                                                             |
| Height                               | 255 mm                                                              |
| Width                                | 185 mm                                                              |
| Depth                                | 140 mm                                                              |
| Net weight                           | 6.4 kg                                                              |
| Quantity per set                     | 1 piece                                                             |
| Colour                               | Black                                                               |

## Environment

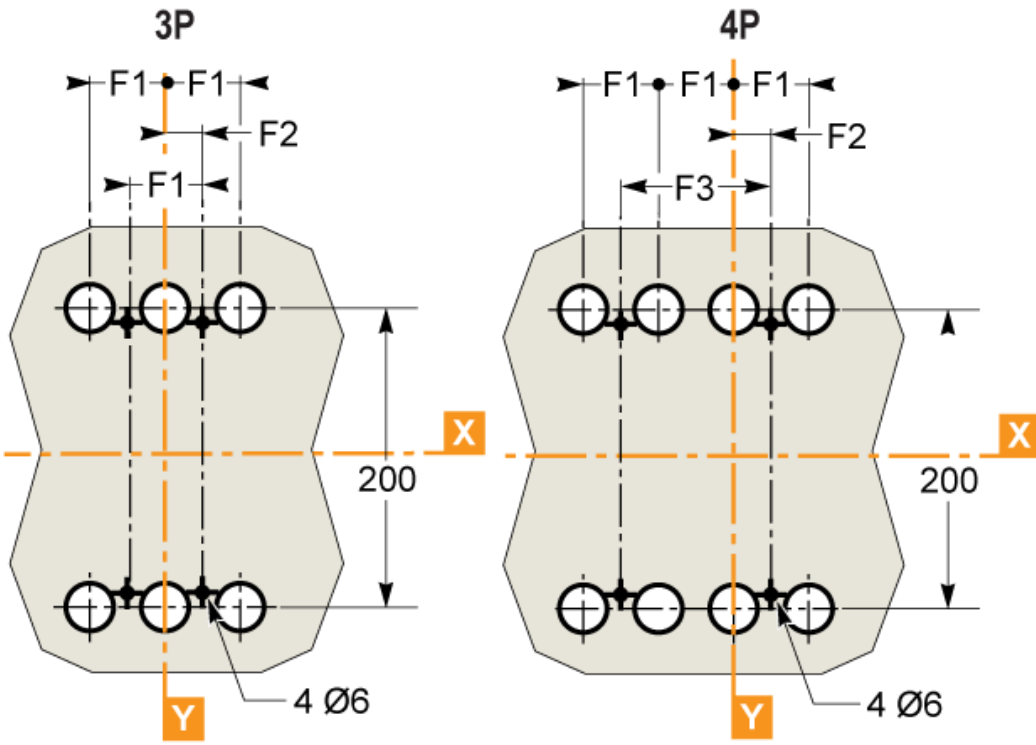
|                                       |                                                                   |
|---------------------------------------|-------------------------------------------------------------------|
| Standards                             | EN/IEC 60947-2<br>GB/T 14048.2<br>JIS C8201-2-2<br>EN/IEC 60947-1 |
| 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                                                       |

## Offer Sustainability

|                            |                                                                                                                             |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| 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>                                                                            |
| Mercury free               | Yes                                                                                                                         |
| RoHS exemption information | <a href="#">Yes</a>                                                                                                         |
| China RoHS Regulation      | <a href="#">China RoHS declaration</a><br>Product out of China RoHS scope. Substance declaration for your information       |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>                                                                               |
| Circularity Profile        | No need of specific recycling operations                                                                                    |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |



| A     | A1  | B  | B1  | B2  | F1 | F2   | F3 |
|-------|-----|----|-----|-----|----|------|----|
| 127.5 | 255 | 70 | 140 | 185 | 45 | 22.5 | 90 |



| A     | A1  | B  | B1  | B2  | F1 | F2   | F3 |
|-------|-----|----|-----|-----|----|------|----|
| 127.5 | 255 | 70 | 140 | 185 | 45 | 22.5 | 90 |

