

# เอกสารข้อมูลผลิตภัณฑ์

ข้อมูลจำเพาะ



## circuit breaker,EasyPact EZC250N ,TMD, 200A ,3 poles 3d

EZC250N3200

### Main

|                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range of product                       | EasyPact                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Product or component type              | Circuit breaker                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Device short name                      | Easypact EZC250N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Circuit breaker name                   | Easypact EZC250N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Device application                     | Distribution                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Poles description                      | 3P                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Protected poles description            | 3t                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Network type                           | DC<br>AC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Network frequency                      | 50/60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| [In] rated current                     | 200 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                      | 20 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2<br>50 kA Icu at 110...130 V AC 50/60 Hz conforming to IEC 60947-2<br>50 kA Icu at 220...240 V AC 50/60 Hz conforming to IEC 60947-2<br>20 kA Icu at 125 V DC 1P conforming to IEC 60947-2<br>20 kA Icu at 250 V DC 2P conforming to IEC 60947-2<br>25 kA Icu at 380 V AC 50/60 Hz conforming to IEC 60947-2<br>25 kA Icu at 400...415 V AC 50/60 Hz conforming to IEC 60947-2<br>8 kA Icu at 550 V AC 50/60 Hz conforming to IEC 60947-2 |
| [Ics] rated service breaking capacity  | 10 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2<br>25 kA at 110/130 V AC 50/60 Hz conforming to IEC 60947-2<br>10 kA at 125 V DC conforming to IEC 60947-2<br>10 kA at 250 V DC conforming to IEC 60947-2<br>25 kA at 220/230/240 V AC 50/60 Hz conforming to IEC 60947-2<br>4 kA at 550 V AC 50/60 Hz conforming to IEC 60947-2<br>12.5 kA at 380 V AC 50/60 Hz conforming to IEC 60947-2<br>12.5 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                       | 200 A at 50 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

|                                       |                                                                     |
|---------------------------------------|---------------------------------------------------------------------|
| Protection type                       | Overload protection<br>Short-circuit protection                     |
| 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                 | 10000 cycles                                                        |
| Electrical durability                 | Category A: 5000 cycles 415 V AC 50/60 Hz conforming to IEC 60947-2 |
| Connection pitch                      | 35 mm                                                               |
| Local signalling                      | Positive contact indication                                         |
| Neutral protection setting            | Without protection                                                  |
| Earth-leakage protection              | Without                                                             |
| Height                                | 165 mm                                                              |
| Width                                 | 105 mm                                                              |
| Depth                                 | 60 mm                                                               |
| Environment                           |                                                                     |
| Standards                             | EN/IEC 60947-1<br>GB/T 14048.2<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                      | 10.5 cm                                                             |
| Package 1 Width                       | 11.5 cm                                                             |
| Package 1 Length                      | 18.0 cm                                                             |
| Package 1 Weight                      | 1.57 kg                                                             |
| Unit Type of Package 2                | S03                                                                 |
| Number of Units in Package 2          | 8                                                                   |
| Package 2 Height                      | 30 cm                                                               |
| Package 2 Width                       | 30 cm                                                               |
| Package 2 Length                      | 40 cm                                                               |
| Package 2 Weight                      | 12.94 kg                                                            |
| Unit Type of Package 3                | P12                                                                 |
| Number of Units in Package 3          | 64                                                                  |

|                  |           |
|------------------|-----------|
| Package 3 Height | 50 cm     |
| Package 3 Width  | 80 cm     |
| Package 3 Length | 120 cm    |
| Package 3 Weight | 120.86 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                                                                                                                         |
| RoHS exemption information | <a href="#">Yes</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 |

### Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
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