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## 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                           | AC<br>DC  |
| Network frequency                      | 50/60 Hz  |
| [In] rated current                     | 175 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                       | 175 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 60947-2<br>GB/T 14048.2<br>EN/IEC 60947-1 |
| 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             | 11 cm   |
| Package 1 Width              | 11.5 cm |
| Package 1 Length             | 18 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             | 13 kg   |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| REACH Regulation           |  <a href="#">REACH Declaration</a>             |
| REACH free of SVHC         | Yes   |
| EU RoHS Directive          | Compliant  <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 |  Yes   |
| 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

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