

# เอกสารข้อมูลผลิตภัณฑ์

ข้อมูลจำเพาะ



## circuit breaker, EasyPact EZCV250H, TMD, 250A, 4 poles 3d

EZCV250H4250

### Main

|                                        |                                                                                                                                                                                               |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range of product                       | EasyPact                                                                                                                                                                                      |
| Product or component type              | Circuit breaker                                                                                                                                                                               |
| Device short name                      | Easypact EZCV250H                                                                                                                                                                             |
| Circuit breaker name                   | Easypact EZCV250H                                                                                                                                                                             |
| Device application                     | Distribution                                                                                                                                                                                  |
| Poles description                      | 4P                                                                                                                                                                                            |
| Protected poles description            | 3t                                                                                                                                                                                            |
| Network type                           | AC                                                                                                                                                                                            |
| Network frequency                      | 50/60 Hz                                                                                                                                                                                      |
| [In] rated current                     | 250 A at 40 °C                                                                                                                                                                                |
| [Ui] rated insulation voltage          | 440 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         | 440 V AC 50/60 Hz conforming to IEC 60947-2                                                                                                                                                   |
| Breaking capacity code                 | H                                                                                                                                                                                             |
| Breaking capacity                      | 100 kA Icu at 220...240 V AC 50/60 Hz conforming to IEC 60947-2<br>25 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2<br>36 kA Icu at 380...415 V AC 50/60 Hz conforming to IEC 60947-2 |
| [Ics] rated service breaking capacity  | 12.5 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2<br>18 kA at 380...415 V AC 50/60 Hz conforming to IEC 60947-2<br>50 kA at 220...240 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                       | 250 A at 40 °C                                                                                                                                                                                |
| Protection type                        | Overload protection<br>Short-circuit protection<br>Earth-leakage 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: 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   | With                                                                |
| Height                     | 165 mm                                                              |
| Width                      | 140 mm                                                              |
| Depth                      | 68 mm                                                               |

## Environment

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

## Packing Units

|                              |           |
|------------------------------|-----------|
| Unit Type of Package 1       | PCE       |
| Number of Units in Package 1 | 1         |
| Package 1 Height             | 11.0 cm   |
| Package 1 Width              | 14.5 cm   |
| Package 1 Length             | 18.5 cm   |
| Package 1 Weight             | 2.52 kg   |
| Unit Type of Package 2       | S03       |
| Number of Units in Package 2 | 6         |
| Package 2 Height             | 30.0 cm   |
| Package 2 Width              | 30.0 cm   |
| Package 2 Length             | 40.0 cm   |
| Package 2 Weight             | 15.607 kg |

## Offer Sustainability

|                            |                                                  |
|----------------------------|--------------------------------------------------|
| Sustainable offer status   | Green Premium product                            |
| REACH Regulation           | <a href="#">REACH Declaration</a>                |
| 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      | <a href="#">End of Life Information</a>                                                                                     |
| WEEE                     | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| PVC free                 | Yes                                                                                                                         |

Contractual warranty

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

EZCV250H4250





