



### Main

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|--|--|
| Range of product                       | EasyPact   |
| Product or component type              | Circuit breaker  |
| Device short name                      | Easypact EZC100H   |
| Circuit breaker name                   | Easypact EZC100H   |
| Device application                     | Distribution   |
| Poles description                      | 1P   |
| Protected poles description            | 1t   |
| Network type                           | AC<br>DC   |
| Network frequency                      | 50/60 Hz   |
| [In] rated current                     | 100 A ( 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         | 125 V DC conforming to IEC 60947-2<br>415 V AC 50/60 Hz conforming to IEC 60947-2  |
| Breaking capacity code                 | H  |
| Breaking capacity                      | 10 kA Icu at 125 V DC 1P 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 380 V AC 50/60 Hz conforming to IEC 60947-2<br>5 kA Icu at 400...415 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 |
| [Ics] rated service breaking capacity  | Ics 25 kA 110/130 V AC 50/60 Hz conforming to IEC 60947-2<br>Ics 5 kA 125 V DC conforming to IEC 60947-2<br>Ics 12.5 kA 220/230/240 V AC 50/60 Hz conforming to IEC 60947-2<br>Ics 2.5 kA 380 V AC 50/60 Hz conforming to IEC 60947-2<br>Ics 2.5 kA 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                       | 40 A ( 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   |

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

## 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                      | 25 mm  |
| Depth                      | 60 mm  |

## Environment

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

## Contractual warranty

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