

Product data sheet

Characteristics

EZCV250N3125

circuit breaker, EasyPact EZCV250N, TMD, 125A, 3 poles 3d



Main

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| Range of product | EasyPact |
| Product or component type | Circuit breaker |
| Device short name | Easypact EZCV250N |
| Circuit breaker name | Easypact EZCV250N |
| Device application | Distribution |
| Poles description | 3P |
| Protected poles description | 3t |
| Network type | AC |
| Network frequency | 50/60 Hz |
| [In] rated current | 125 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 | N |
| Breaking capacity | 20 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 85 KA Icu at 220...240 V AC 50/60 Hz conforming to IEC 60947-2 25 kA Icu at 380...415 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 42.5 KA at 220...240 V AC 50/60 Hz conforming to IEC 60947-2 12.5 kA at 380...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 | 125 A at 40 °C |
| Protection type | Short-circuit protection Overload protection Earth-leakage protection |
| Pollution degree | 3 conforming to IEC 60947 |

Complementary

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|-----------------------|--------------|
| Control type | Toggle |
| Mounting mode | Fixed |
| Mounting support | Backplate |
| Upside connection | Front |
| Downside connection | Front |
| Mechanical durability | 10000 cycles |

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| 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 | 105 mm |
| Depth | 68 mm |






Environment

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

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|------------------------------|------------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 11 cm |
| Package 1 Width | 11 cm |
| Package 1 Length | 19 cm |
| Package 1 Weight | 1.906 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 | 15.735 kg |
| Unit Type of Package 3 | PAL |
| Number of Units in Package 3 | 128 |
| Package 3 Height | 72 cm |
| Package 3 Width | 125 cm |
| Package 3 Length | 128 cm |
| Package 3 Weight | 243.968 kg |

Offer Sustainability

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|----------------------------|--|
| Sustainable offer status | Green Premium product |
| REACH Regulation |  REACH Declaration |
| REACH free of SVHC | Yes |
| EU RoHS Directive | Compliant with Exemptions |
| Mercury free | Yes |
| China RoHS Regulation |  China RoHS Declaration |
| RoHS exemption information |  Yes |
| Environmental Disclosure |  Product Environmental Profile |
| Circularity Profile | No need of specific recycling operations  Circularity Profile |
| 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 개월 |
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