

EZC630N3600N

circuit breaker, Easypact EZC630N ,TMD,
600A ,3 poles 3d



Main

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| Range of product | EasyPact |
| Product or component type | Circuit breaker |
| Device short name | Easypact EZC630N |
| Circuit breaker name | Easypact EZC630N |
| Device application | Distribution |
| Poles description | 3P |
| Protected poles description | 3t |
| Network type | AC DC |
| Network frequency | 50/60 Hz |
| [In] rated current | 630 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 | 250 V DC conforming to IEC 60947-2 440 V AC 50/60 Hz conforming to IEC 60947-2 |
| Breaking capacity code | N |
| Breaking capacity | 36 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 40 KA Icu at 220/230 V AC 50/60 Hz conforming to IEC 60947-2 36 KA Icu at 380 V AC 50/60 Hz conforming to IEC 60947-2 36 kA Icu at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 |
| [Ics] rated service breaking capacity | 18 KA at 440 V AC 50/60 Hz conforming to IEC 60947-2 40 KA at 220/230 V AC 50/60 Hz conforming to IEC 60947-2 36 KA at 380 V AC 50/60 Hz conforming to IEC 60947-2 36 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 | 600 A at 50 °C |
| Protection type | Overload protection Short-circuit 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 |
| Electrical durability | Category A: 3000 cycles 415 V AC 50/60 Hz conforming to IEC 60947-2 |

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|--------------------------------------|-----------------------------|
| Connection pitch | 45 mm |
| Local signalling | Positive contact indication |
| Contact position indicator | Yes |
| Magnetic tripping current | 5000 A |
| Neutral protection setting | Without protection |
| Long time pick-up adjustment type Ir | Fixed |
| Long time delay adjustment type | Fixed |
| Earth-leakage protection | Without |
| Height | 255 mm |
| Width | 185 mm |
| Depth | 140 mm |
| Product weight | 6.4 kg |
| Quantity per set | 1 piece |
| Colour | Black |







Environment

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|---------------------------------------|---|
| Standards | EN/IEC 60947-2 GB/T 14048.2 JIS C8201-2-2 EN/IEC 60947-1 |
| 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 | 15.0 cm |
| Package 1 Width | 16.0 cm |
| Package 1 Length | 29.0 cm |
| Package 1 Weight | 5.339 kg |
| Unit Type of Package 2 | S04 |
| Number of Units in Package 2 | 3 |
| Package 2 Height | 30.0 cm |
| Package 2 Width | 40.0 cm |
| Package 2 Length | 60.0 cm |
| Package 2 Weight | 16.783 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  EU RoHS Declaration |
| Mercury free | Yes |
| China RoHS Regulation |  China RoHS Declaration |
| RoHS exemption information |  Yes |
| Environmental Disclosure |  Product Environmental Profile |
| Circularity Profile |  End Of Life Information |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| PVC free | Yes |

