

EZC250H3250

circuit breaker Easypact EZC250H - TMD - 250
A - 3 poles 3d



Main

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|--|---|
| Device short name | Easypact EZC250H |
| Circuit breaker application | Distribution |
| Poles description | 3P |
| Protected poles description | 3t |
| Network type | AC DC |
| Network frequency | 50/60 Hz |
| [In] rated current | 250 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 | 250 V DC conforming to IEC 60947-2 550 V AC 50/60 Hz conforming to IEC 60947-2 |
| Circuit breaker rating code | H |
| Breaking capacity | Icu 36 kA at 400...415 V AC 50/60 Hz conforming to IEC 60947-2 Icu 85 kA at 110...130 V AC 50/60 Hz conforming to IEC 60947-2 Icu 36 kA at 380 V AC 50/60 Hz conforming to IEC 60947-2 Icu 85 kA at 220...240 V AC 50/60 Hz conforming to IEC 60947-2 Icu 25 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 Icu 10 kA at 550 V AC 50/60 Hz conforming to IEC 60947-2 Icu 30 kA at 125 V DC 1P conforming to IEC 60947-2 Icu 30 kA at 250 V DC 2P conforming to IEC 60947-2 85 kA at 240 V AC 50/60 Hz conforming to NEMA AB1 |
| [Ics] rated service breaking capacity | Ics 5 kA 550 V AC 50/60 Hz conforming to IEC 60947-2 Ics 12.5 kA 440 V AC 50/60 Hz conforming to IEC 60947-2 Ics 15 kA 125 V DC conforming to IEC 60947-2 Ics 15 kA 250 V DC conforming to IEC 60947-2 Ics 18 kA 380 V AC 50/60 Hz conforming to IEC 60947-2 Ics 18 kA 400/415 V AC 50/60 Hz conforming to IEC 60947-2 Ics 42.5 kA 110/130 V AC 50/60 Hz conforming to IEC 60947-2 Ics 42.5 kA 220/230/240 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 technology | Thermal-magnetic |
| Trip unit rating | 250 A (50 °C) |
| Protection type | Overload protection Short-circuit protection |
| Pollution degree | 3 conforming to IEC 947-1 3 conforming to IEC 60664-1 |

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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: 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

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|---------------------------------------|--|
| Standards | CSA 22-2 GB 14048.2 IEC 60947-2 JIS C8201-2-2 NEMA AB1 UL 508 |
| 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 |
| RoHS EUR conformity date | 0801 |
| RoHS EUR status | Compliant |