

EZC250H3160

circuit breaker Easypact EZC250H - TMD - 160
A - 3 poles 3d



Main

| | |
|--|---|
| 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 | 160 A (50 °C) |
| Protection type | Overload protection Short-circuit protection |
| Pollution degree | 3 conforming to IEC 947-1 3 conforming to IEC 60664-1 |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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 | Without |
| Height | 165 mm |
| Width | 105 mm |
| Depth | 60 mm |

Environment

| | |
|---------------------------------------|--|
| 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 |