

EZC400N3300

circuit breaker Easypact EZC400N - TMD - 300
A - 3 poles 3d



Main

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|---|---|
| Device short name | Easypact EZC400N |
| Circuit breaker application | Distribution |
| Poles description | 3P |
| Protected poles description | 3t |
| Network type | AC DC |
| Network frequency | 50/60 Hz |
| [I _n] rated current | 400 A (40 °C) |
| [U _i] rated insulation voltage | 690 V AC 50/60 Hz conforming to IEC 60947-2 |
| [U _{imp}] rated impulse withstand voltage | 8 kV conforming to IEC 60947-2 |
| [U _e] 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 | N |
| Breaking capacity | HIC 50 kA at 240 V AC 50/60 Hz conforming to NEMA AB1 HIC 25 kA at 277/480 V AC 50/60 Hz conforming to NEMA AB1 I _{cu} 20 kA at 250 V DC 2P conforming to IEC 60947-2 I _{cu} 85 kA at 220...240 V AC 50/60 Hz conforming to IEC 60947-2 I _{cu} 36 kA at 380...415 V AC 50/60 Hz conforming to IEC 60947-2 I _{cu} 36 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 I _{cu} 15 kA at 550 V AC 50/60 Hz conforming to IEC 60947-2 |
| [I _{cs}] rated service breaking capacity | I _{cs} 7.5 kA 550 V AC 50/60 Hz conforming to IEC 60947-2 I _{cs} 10 kA 250 V DC conforming to IEC 60947-2 I _{cs} 12.5 kA 277/480 V AC 50/60 Hz conforming to NEMA AB1 I _{cs} 18 kA 380/415 V AC 50/60 Hz conforming to IEC 60947-2 I _{cs} 18 kA 440 V AC 50/60 Hz conforming to IEC 60947-2 I _{cs} 25 kA 240 V AC 50/60 Hz conforming to NEMA AB1 I _{cs} 42.5 kA 220...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 | 300 A (50 °C) |
| Protection type | Overload protection Short-circuit protection |
| Pollution degree | 3 conforming to IEC 60947 |

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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 | 4000 cycles |
| Electrical durability | Category A: 1000 cycles 415 V AC 50/60 Hz conforming to IEC 60947-2 |
| Connection pitch | 44 mm |
| Local signalling | Positive contact indication |
| Neutral protection setting | Without protection |
| Earth-leakage protection | Without |
| Height | 257 mm |
| Width | 140 mm |
| Depth | 146 mm |

Environment

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|---------------------------------------|---|
| Standards | CSA 22-2 No 14 EN 60947-1 EN 60947-2 GB 14048.2 IEC 60947-1 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 EN 50102 |
| Ambient air temperature for operation | -25...70 °C |
| Ambient air temperature for storage | -35...85 °C |
| RoHS EUR conformity date | 0714 |
| RoHS EUR status | Compliant |