

GP2E04

Manual motor controller, Easy TeSys, 3P, 0.4-0.63 A, thermal magnetic, screw clamp terminals



Main

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|----------------------|------------------|
| Range | Easy TeSys |
| Product name | Easy TeSys GP2E |
| Device short name | GP2E |
| Device application | Motor |
| Trip unit technology | Thermal-magnetic |

Complementary





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| Poles description | 3P |
| Network type | AC |
| Utilisation category | AC-3 conforming to IEC 60947-4-1 Category A conforming to IEC 60947-2 |
| Network frequency | 50/60 Hz conforming to IEC 60947-4-1 |
| Fixing mode | 35 mm symmetrical DIN rail: clipped Panel: screwed (with adaptor plate) |
| Operating position | Any position |
| Breaking capacity | 100 KA Icu 230/240 V AC 50/60 Hz IEC 60947-2 100 KA Icu at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 100 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 100 KA Icu at 500 V AC 50/60 Hz conforming to IEC 60947-2 100 kA Icu at 690 V AC 50/60 Hz conforming to IEC 60947-2 |
| [Ics] rated service short-circuit breaking capacity | 100 % 690 V AC 50/60 Hz IEC 60947-2 100 % 500 V AC 50/60 Hz IEC 60947-2 100 % 230/240 V AC 50/60 Hz IEC 60947-2 100 % 440 V AC 50/60 Hz IEC 60947-2 100 % 400/415 V AC 50/60 Hz IEC 60947-2 |
| Control type | Push-button |
| Line Rated Current | 0.63 A |
| Thermal protection adjustment range | 0.4...0.63 A |
| Magnetic tripping current | 8 A |
| [Ue] rated operational voltage | 690 V AC 50/60 Hz conforming to IEC 60947-2 |
| [Ui] rated insulation voltage | 690 V AC 50/60 Hz conforming to IEC 60947-2 |
| [Ith] conventional free air thermal current | 0.63 A conforming to IEC 60947-4-1 |
| [Uimp] rated impulse withstand voltage | 6 kV IEC 60947-2 |
| Power dissipation per pole | 2.5 W |
| Mechanical durability | 100000 cycles |
| Electrical durability | 100000 cycles for AC-3 at 440 V |
| Maximum operating rate | 25 cyc/h |
| Rated duty | Continuous conforming to IEC 60947-4-1 |
| Connections - terminals | Screw clamp terminals 0.00...0.01 in ² (1...6 mm ²) - solid Screw clamp terminals 0.00...0.01 in ² (1.5...6 mm ²) - flexible without cable end Screw clamp terminals 0.00...0.01 in ² (1...4 mm ²) - flexible with cable end Screw clamp terminals AWG 18...AWG 8) |
| Tightening torque | 15.05 lbf.in (1.7 N.m) screw clamp terminals |
| Suitability for isolation | Yes conforming to IEC 60947-1 |

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| Phase failure sensitivity | Yes conforming to IEC 60947-4-1 |
| Height | 3.50 in (89 mm) |
| Width | 1.77 in (45 mm) |
| Depth | 3.09 in (78.5 mm) |
| Net Weight | 0.57 lb(US) (0.26 kg) |

Environment

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|---------------------------------------|---|
| Standards | EN/IEC 60947-2 EN/IEC 60947-4-1 UL 60947-4-1 CUL |
| Product certifications | CUL |
| Protective treatment | TH |
| IP degree of protection | IP20 conforming to IEC 60529 |
| IK degree of protection | IK04 |
| Ambient air temperature for operation | -4...140 °F (-20...60 °C) |
| Ambient air temperature for storage | -40...176 °F (-40...80 °C) |
| Fire resistance | 960 °C conforming to IEC 60695-2-1 |
| Operating altitude | 6561.68 ft (2000 m) |

Offer Sustainability

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|----------------------------|---|
| REACH Regulation |  REACH Declaration |
| EU RoHS Directive | Compliant  EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information |  Yes |
| China RoHS Regulation |  China RoHS Declaration |