



### Main

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

### Complementary

|                                                     |                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Poles description                                   | 3P                                                                                                                                                                                                                                                                                                                                               |
| Network type                                        | AC                                                                                                                                                                                                                                                                                                                                               |
| Utilisation category                                | AC-3 conforming to IEC 60947-4-1<br>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<br>Panel: screwed (with adaptor plate)                                                                                                                                                                                                                                                                       |
| Operating position                                  | Any position                                                                                                                                                                                                                                                                                                                                     |
| Breaking capacity                                   | 100 KA Icu 230/240 V AC 50/60 Hz IEC 60947-2<br>100 KA Icu at 400/415 V AC 50/60 Hz conforming to IEC 60947-2<br>100 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2<br>100 KA Icu at 500 V AC 50/60 Hz conforming to IEC 60947-2<br>3 kA Icu at 690 V AC 50/60 Hz conforming to IEC 60947-2                                               |
| [Ics] rated service short-circuit breaking capacity | 100 % 500 V AC 50/60 Hz IEC 60947-2<br>100 % 230/240 V AC 50/60 Hz IEC 60947-2<br>100 % 440 V AC 50/60 Hz IEC 60947-2<br>100 % 400/415 V AC 50/60 Hz IEC 60947-2<br>75 % 690 V AC 50/60 Hz IEC 60947-2                                                                                                                                           |
| Control type                                        | Push-button                                                                                                                                                                                                                                                                                                                                      |
| Line Rated Current                                  | 4 A                                                                                                                                                                                                                                                                                                                                              |
| Thermal protection adjustment range                 | 2.5...4 A                                                                                                                                                                                                                                                                                                                                        |
| Magnetic tripping current                           | 51 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         | 4 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 <sup>2</sup> (1...6 mm <sup>2</sup> ) - solid<br>Screw clamp terminals 0.00...0.01 in <sup>2</sup> (1.5...6 mm <sup>2</sup> ) - flexible without cable end<br>Screw clamp terminals 0.00...0.01 in <sup>2</sup> (1...4 mm <sup>2</sup> ) - flexible with cable end<br>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                                                                                                                                                                                                                                                                                                                    |
| 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

|                                       |                                                           |
|---------------------------------------|-----------------------------------------------------------|
| Standards                             | EN/IEC 60947-2<br>EN/IEC 60947-4-1<br>UL 60947-4-1<br>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

|                            |                                                                                                                                 |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| REACH Regulation           |  <a href="#">REACH Declaration</a>             |
| EU RoHS Directive          | Compliant  <a href="#">EU RoHS Declaration</a> |
| Mercury free               | Yes                                                                                                                             |
| RoHS exemption information |  <a href="#">Yes</a>                           |
| China RoHS Regulation      |  <a href="#">China RoHS Declaration</a>        |