



## Main

|                           |                  |
|---------------------------|------------------|
| Range                     | Easy TeSys       |
| Product name              | Easy TeSys GP2E  |
| Product or Component Type | Motor controller |
| Device short name         | GP2E             |
| Device Application        | Motor            |
| Trip unit technology      | Thermal-magnetic |

## Complementary

|                                                     |                                                                                                                                                                                                                                                                                                                                                        |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Poles description                                   | 3P                                                                                                                                                                                                                                                                                                                                                     |
| Network type                                        | AC                                                                                                                                                                                                                                                                                                                                                     |
| Utilisation category                                | AC-3 IEC 60947-4-1<br>Category A IEC 60947-2                                                                                                                                                                                                                                                                                                           |
| Network frequency                                   | 50/60 Hz 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 400/415 V AC 50/60 Hz IEC 60947-2<br>100 KA Icu 440 V AC 50/60 Hz IEC 60947-2<br>100 KA Icu 500 V AC 50/60 Hz IEC 60947-2<br>100 kA Icu 690 V AC 50/60 Hz IEC 60947-2                                                                                                                       |
| [Ics] rated service short-circuit breaking capacity | 100 % 230/240 V AC 50/60 Hz IEC 60947-2<br>100 % 400/415 V AC 50/60 Hz IEC 60947-2<br>100 % 440 V AC 50/60 Hz IEC 60947-2<br>100 % 500 V AC 50/60 Hz IEC 60947-2<br>100 % 690 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 IEC 60947-2                                                                                                                                                                                                                                                                                                                          |
| [Ui] rated insulation voltage                       | 690 V AC 50/60 Hz IEC 60947-2                                                                                                                                                                                                                                                                                                                          |
| [Ith] conventional free air thermal current         | 0.63 A 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 AC-3 440 V                                                                                                                                                                                                                                                                                                                               |
| Maximum operating rate                              | 25 cyc/h                                                                                                                                                                                                                                                                                                                                               |
| Rated duty                                          | Continuous IEC 60947-4-1                                                                                                                                                                                                                                                                                                                               |
| Connections - terminals                             | Screw clamp terminals 0.002...0.009 in <sup>2</sup> (1...6 mm <sup>2</sup> ) - solid<br>Screw clamp terminals 0.002...0.009 in <sup>2</sup> (1.5...6 mm <sup>2</sup> ) - flexible without cable end<br>Screw clamp terminals 0.002...0.006 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 IEC 60947-1       |
| Phase failure sensitivity | Yes IEC 60947-4-1     |
| Height                    | 3.5 in (89 mm)        |
| Width                     | 1.8 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 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                       | 1760 °F (960 °C) IEC 60695-2-1                            |
| Operating altitude                    | 6561.68 ft (2000 m)                                       |

## Ordering and shipping details

|                   |               |
|-------------------|---------------|
| Category          | US10I1322364  |
| Discount Schedule | 0I13          |
| GTIN              | 3606481063373 |
| Returnability     | No            |
| Country of origin | US            |

## Packing Units

|                              |                             |
|------------------------------|-----------------------------|
| Unit Type of Package 1       | PCE                         |
| Number of Units in Package 1 | 1                           |
| Package 1 Height             | 3.3 in (8.5 cm)             |
| Package 1 Width              | 1.8 in (4.6 cm)             |
| Package 1 Length             | 3.64 in (9.25 cm)           |
| Package 1 Weight             | 0.547 lb(US) (0.248 kg)     |
| Unit Type of Package 2       | S02                         |
| Number of Units in Package 2 | 24                          |
| Package 2 Height             | 5.9 in (15 cm)              |
| Package 2 Width              | 11.8 in (30 cm)             |
| Package 2 Length             | 15.7 in (40 cm)             |
| Package 2 Weight             | 13.122 lb(US) (5.952 kg)    |
| Unit Type of Package 3       | P12                         |
| Number of Units in Package 3 | 768                         |
| Package 3 Height             | 27.6 in (70 cm)             |
| Package 3 Width              | 31.5 in (80 cm)             |
| Package 3 Length             | 47.2 in (120 cm)            |
| Package 3 Weight             | 419.902 lb(US) (190.464 kg) |

## Offer Sustainability

|                           |                                                                                                                                                                                                                                                           |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status  | Green Premium product                                                                                                                                                                                                                                     |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Antimony oxide & Antimony trioxide, which is known to the State of California to cause cancer. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| REACH Regulation          |  <a href="#">REACH Declaration</a>                                                                                                                                     |
| EU RoHS Directive         | Compliant with Exemptions                                                                                                                                                                                                                                 |
| Mercury free              | Yes                                                                                                                                                                                                                                                       |

|                            |                                               |
|----------------------------|-----------------------------------------------|
| China RoHS Regulation      | <a href="#">China RoHS Declaration</a>        |
| RoHS exemption information | <a href="#">Yes</a>                           |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a> |
| Circularity Profile        | <a href="#">End Of Life Information</a>       |