# Product data sheet

Specifications



## Manual motor controller,Easy TeSys GP2E,3P,0.25-0.4A,thermal magnetic trip,screw clamp terminals

GP2E03

**Product availability: Stock - Normally stocked in distribution facility**

## 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** | 0.4 A |
| **thermal protection adjustment range** | 0.25…0.4 A |
| **Magnetic tripping current** | 5 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** | 0.4 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 |

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: 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

| | |
|---|---|
| **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 terminals0.002…0.009 in² (1…6 mm²) - solid<br>Screw clamp terminals0.002…0.009 in² (1.5…6 mm²) - flexible without cable end<br>Screw clamp terminals0.002…0.006 in² (1…4 mm²) - 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) |
| **Product 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** | 3606481063366 |
| **Returnability** | Yes |
| **Country of origin** | TH |

## Packing Units

| | |
|---|---|
| **Unit Type of Package 1** | PCE |
| **Nbr. of units in pkg.** | 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 weight(Lbs)** | 0.542 lb(US) (0.246 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** | 13.016 lb(US) (5.904 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** | 416.515 lb(US) (188.928 kg) |

## Contractual warranty

| | |
|---|---|
| **Warranty (in months)** | 18 |

## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

### Environmental footprint

| | |
|---|---|
| Total lifecycle Carbon footprint | **11 kg CO2 eq.** |
| Carbon footprint of the manufacturing phase [A1 to A3] | **2 kg CO2 eq.** |
| Carbon footprint of the distribution phase [A4] | **0.1 kg CO2 eq.** |
| Carbon footprint of the installation phase [A5] | **0 kg CO2 eq.** |
| Carbon footprint of the use phase [B2, B3, B4, B6] | **9 kg CO2 eq.** |
| Carbon footprint of the end-of-life phase [C1 to C4] | **0.5 kg CO2 eq.** |
| Environmental Disclosure | Product Environmental Profile |

## Use Better

### Materials and Substances

| | |
|---|---|
| Packaging made with recycled cardboard | **Yes** |
| Packaging without single use plastic | **Yes** |
| SCIP Number | **04104e70-ba29-493c-b2cc-b5837d1f879b** |
| EU RoHS Directive | Compliant By Exemption |
| REACh Regulation | Reference contains Substances of Very High Concern above the threshold |
| 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 www.P65Warnings.ca.gov** |

## Use Longer

### Lifetime extension

| | |
|---|---|
| Repair | **No** |

## Use Again

### Repack and remanufacture

| | |
|---|---|
| Recyclability potential, in % | **49** |
| Circularity Profile | End of Life Information |
| Take-back | **No** |
| WEEE Label | **The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.** |

Offer Marketing Illustration

**Product benefits / Features**



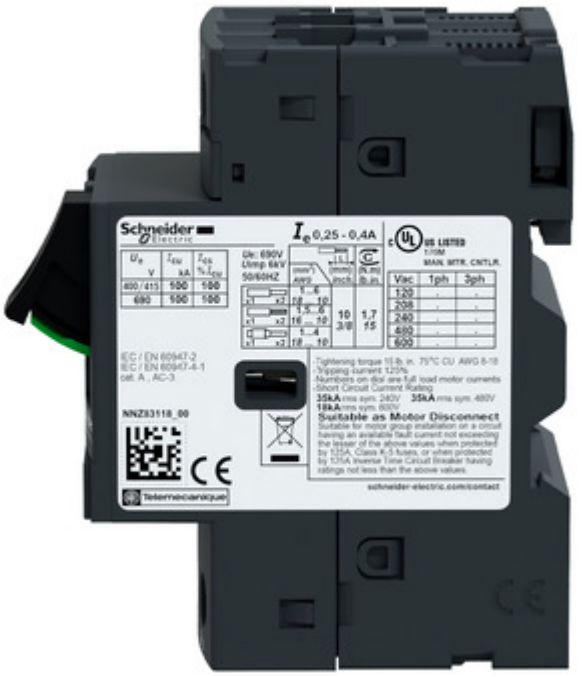
Offer Marketing Illustration

**Product benefits / Features**



Image of product / Alternate images

**Alternative**







1L1
3L2
5L3
OFF
0.25 - 0.4 A
TEST
STOP
START
Easy TeSys
GP2E03
Schneider Electric
2T1
4T2
6T3

