

# Product data sheet

Specifications



## Manual motor controller, Easy TeSys GP2E, 3P, 13-18A, thermal magnetic trip, screw clamp terminals

GP2E20

**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 Category A IEC 60947-2
Network frequency	50/60 Hz 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 CA 50/60 Hz IEC 60947-2 15 kA Icu 400/415 V CA 50/60 Hz IEC 60947-2 8 kA Icu 440 V CA 50/60 Hz IEC 60947-2 6 kA Icu 500 V CA 50/60 Hz IEC 60947-2 3 kA Icu 690 V CA 50/60 Hz IEC 60947-2
[Ics] rated service short-circuit breaking capacity	100 % 230/240 V CA 50/60 Hz IEC 60947-2 50 % 400/415 V CA 50/60 Hz IEC 60947-2 50 % 440 V CA 50/60 Hz IEC 60947-2 75 % 500 V CA 50/60 Hz IEC 60947-2 75 % 690 V CA 50/60 Hz IEC 60947-2
Control Type	Push-button
Line Rated Current	18 A
thermal protection adjustment range	13...18 A
Magnetic tripping current	223 A
[Ue] rated operational voltage	690 V CA 50/60 Hz IEC 60947-2
[Ui] rated insulation voltage	690 V CA 50/60 Hz IEC 60947-2
[Ith] conventional free air thermal current	18 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.

<b>Electrical durability</b>	100000 cycles AC-3 440 V
<b>Maximum operating rate</b>	25 cyc/h
<b>Rated duty</b>	Continuous IEC 60947-4-1
<b>Connections - terminals</b>	Screw clamp terminals 0.002...0.009 in <sup>2</sup> (1...6 mm <sup>2</sup> ) - solid Screw clamp terminals 0.002...0.009 in <sup>2</sup> (1.5...6 mm <sup>2</sup> ) - flexible without cable end Screw clamp terminals 0.002...0.006 in <sup>2</sup> (1...4 mm <sup>2</sup> ) - flexible with cable end Screw clamp terminals AWG 18...AWG 8)
<b>Tightening torque</b>	15.05 lbf.in (1.7 N.m) screw clamp terminals
<b>Suitability for isolation</b>	Yes IEC 60947-1
<b>Phase failure sensitivity</b>	Yes IEC 60947-4-1
<b>Height</b>	3.5 in (89 mm)
<b>Width</b>	1.8 in (45 mm)
<b>Depth</b>	3.09 in (78.5 mm)
<b>Net Weight</b>	0.57 lb(US) (0.26 kg)

## Environment

<b>Standards</b>	EN/IEC 60947-2 EN/IEC 60947-4-1 UL 60947-4-1 CUL
<b>Product Certifications</b>	cUL
<b>Protective treatment</b>	TH
<b>IP degree of protection</b>	IP20 IEC 60529
<b>IK degree of protection</b>	IK04
<b>Ambient air temperature for operation</b>	-4...140 °F (-20...60 °C)
<b>Ambient Air Temperature for Storage</b>	-40...176 °F (-40...80 °C)
<b>Fire resistance</b>	1760 °F (960 °C) IEC 60695-2-1
<b>Operating altitude</b>	6561.68 ft (2000 m)

## Ordering and shipping details

<b>Category</b>	US10I1322364
<b>Discount Schedule</b>	0113
<b>GTIN</b>	3606481063458
<b>Returnability</b>	Yes
<b>Country of origin</b>	TH

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Nbr. of units in pkg.</b>	1
<b>Package 1 Height</b>	3.35 in (8.5 cm)
<b>Package 1 Width</b>	1.81 in (4.6 cm)
<b>Package 1 Length</b>	3.64 in (9.25 cm)
<b>Package weight(Lbs)</b>	0.668 lb(US) (0.303 kg)
<b>Unit Type of Package 2</b>	S02

<b>Number of Units in Package 2</b>	24
<b>Package 2 Height</b>	5.91 in (15 cm)
<b>Package 2 Width</b>	11.81 in (30 cm)
<b>Package 2 Length</b>	15.75 in (40 cm)
<b>Package 2 Weight</b>	16.032 lb(US) (7.272 kg)
<b>Unit Type of Package 3</b>	P12
<b>Number of Units in Package 3</b>	768
<b>Package 3 Height</b>	27.56 in (70 cm)
<b>Package 3 Width</b>	31.50 in (80 cm)
<b>Package 3 Length</b>	47.24 in (120 cm)
<b>Package 3 Weight</b>	513.025 lb(US) (232.704 kg)



## 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

Carbon footprint (kg CO2 eq, Total Life cycle) 43

Environmental Disclosure [Product Environmental Profile](#)

## Use Better

### Materials and Substances

Packaging made with recycled cardboard Yes

Packaging without single use plastic Yes

[EU RoHS Directive](#) Compliant with Exemptions

SCIP Number 04104e70-ba29-493c-b2cc-b5837d1f879b

REACH Regulation [REACH Declaration](#)

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](http://www.P65Warnings.ca.gov)**

## Use Again

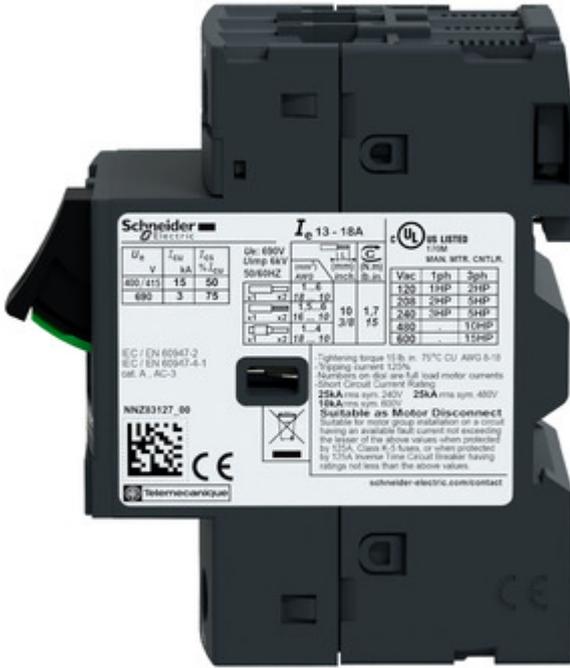
### Repack and remanufacture

Circularity Profile [End of Life Information](#)

Take-back No

Image of product / Alternate images

Alternative





Technical Illustration

Assembly's dimensions

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