Product data sheet

Specifications

Manual motor controller,Easy TeSys GP2E,3P,20-25A,thermal magnetic trip,screw clamp terminals

GP2E22

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	50 kA Icu 230/240 V AC 50/60 Hz IEC 60947-2 15 kA Icu 400/415 V AC 50/60 Hz IEC 60947-2 6 kA Icu 440 V AC 50/60 Hz IEC 60947-2 4 kA Icu 500 V AC 50/60 Hz IEC 60947-2 3 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 40 % 400/415 V AC 50/60 Hz IEC 60947-2 50 % 440 V AC 50/60 Hz IEC 60947-2 75 % 500 V AC 50/60 Hz IEC 60947-2 75 % 690 V AC 50/60 Hz IEC 60947-2
Control Type	Push-button
Line Rated Current	25 A
thermal protection adjustment range	20…25 A
Magnetic tripping current	327 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	25 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.

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 Screw clamp terminals0.002…0.009 in² (1.5…6 mm²) - flexible without cable end Screw clamp terminals0.002…0.006 in² (1…4 mm²) - 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 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 EN/IEC 60947-4-1 UL 60947-4-1 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	3606481063472
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)	0.675 lb(US) (0.306 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	16.191 lb(US) (7.344 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	518.104 lb(US) (235.008 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

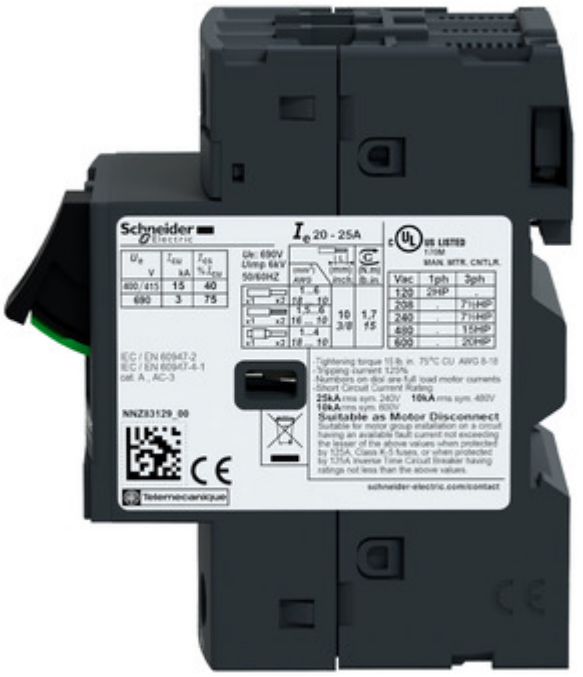
Product benefits / Features

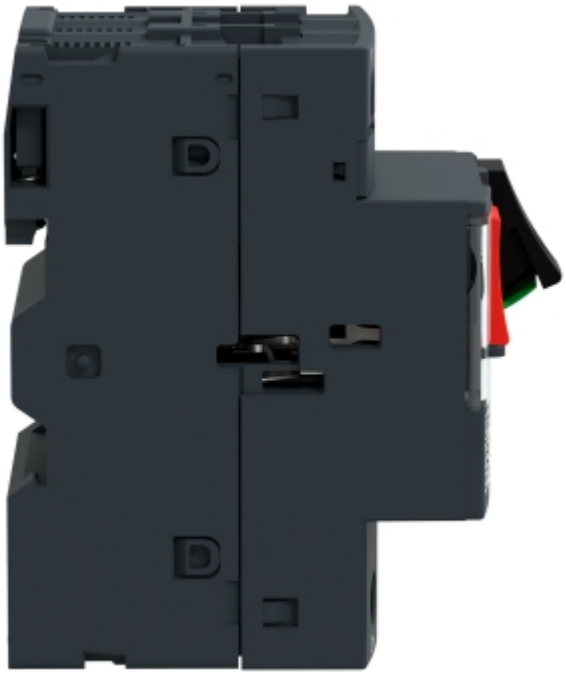
Offer Marketing Illustration

Product benefits / Features

Image of product / Alternate images

Alternative






1L1
3L2
5L3
OFF
25
23
20
20 - 25A
TEST
STOP
START
Easy TeSys
GP2E22
Schneider Electric
2T1
4T2
6T3