Product data sheet

Specifications



Manual motor controller,Easy TeSys GP2E,3P,24-32A,thermal magnetic trip,screw clamp terminals

GP2E32

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 10 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 50 % 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
[In] rated current	32 A
thermal protection adjustment range	24…32 A
Magnetic tripping current	416 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	32 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

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 terminals 0.002…0.009 in² (1…6 mm²) - solid Screw clamp terminals 0.002…0.009 in² (1.5…6 mm²) - flexible without cable end Screw clamp terminals 0.002…0.006 in²² (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)
Net 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	2000 m

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	0.664 lb(US) (0.301 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	15.926 lb(US) (7.224 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	509.639 lb(US) (231.168 kg)

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >



Transparency



RoHS/REACh

Well-being performance

Mercury Free	
Rohs Exemption Information	Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information

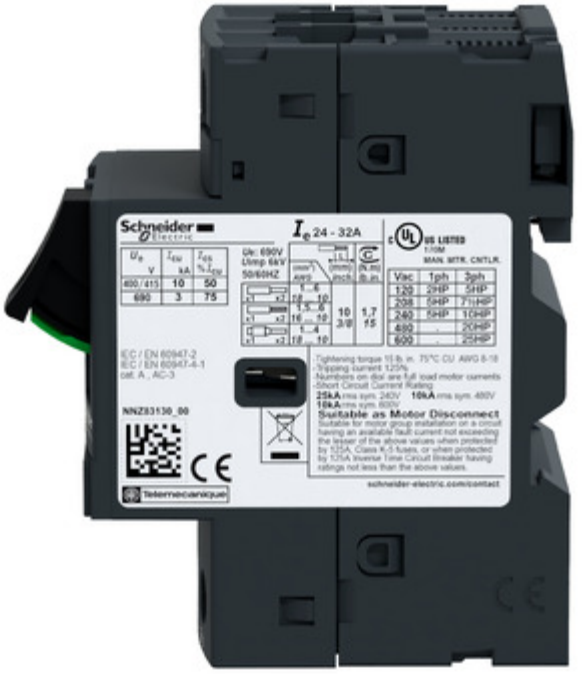
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Alternative








Schneider Electric
I_e 24 - 32A
Ue: 690V
Uimp 6kV
50/60HZ
MAIN. MTR. CNTLR.
Vac 1ph 3ph
120 2HP 5HP
208 5HP 7½HP
240 5HP 10HP
480 - 20HP
600 - 25HP
IEC / EN 60947-2
IEC / EN 60947-4-1
cat. A , AC-3
NNZ83130_00
Suitable as Motor Disconnect
Tightening torque 15 lb. in. 75°C CU AWG 8-18
Tripping current 125%
Short Circuit Current Rating
25kA rms sym. 240V 10kA rms sym. 400V
10kA rms sym. 600V
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