

# Product data sheet

Specifications



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

GP2E20

### 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 AC 50/60 Hz IEC 60947-2 15 kA Icu 400/415 V AC 50/60 Hz IEC 60947-2 8 kA Icu 440 V AC 50/60 Hz IEC 60947-2 6 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	18 A
Thermal protection adjustment range	13...18 A
Magnetic tripping current	223 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	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
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 0.00...0.01 in² (1...6 mm²) - solid Screw clamp terminals 0.00...0.01 in² (1.5...6 mm²) - flexible without cable end Screw clamp terminals 0.00...0.01 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	3.50 in (89 mm)
Width	1.77 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	3.35 in (8.5 cm)
Package 1 Width	1.81 in (4.6 cm)
Package 1 Length	3.64 in (9.25 cm)
Package 1 Weight	0.67 lb(US) (0.303 kg)
Unit Type of Package 2	S02
Number of Units in Package 2	24
Package 2 Height	5.91 in (15 cm)
Package 2 Width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)
Package 2 Weight	16.03 lb(US) (7.272 kg)

Unit Type of Package 3	P12
Number of Units in Package 3	768
Package 3 Height	27.56 in (70 cm)
Package 3 Width	31.50 in (80 cm)
Package 3 Length	47.24 in (120 cm)
Package 3 Weight	513.02 lb(US) (232.704 kg)

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
China RoHS Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>

Recommended replacement(s)