

Product datasheet

Specifications



motor circuit breaker GZ1 - 3 poles 3d - 0.25..0.40A - thermomagnetic trip unit

GZ1E03

Price: 330.02 ZAR

Main

Range	Easy TeSys
Range Of Product	Easy TeSys Power
Product Or Component Type	Circuit breaker
Device Short Name	GZ1E
Device Application	Motor
Trip Unit Technology	Thermal-magnetic
Suitability For Isolation	Yes conforming to IEC 60947-1 appendix 7.1.6
Colour	Grey (RAL 7011)

Complementary

Poles Description	3P
Network Type	AC
Utilisation Category	AC-3
Network Frequency	50/60 Hz conforming to IEC 60947-2
Mounting Mode	By clips By screws
Mounting Support	Rail
Mounting Position	Any position
Breaking Capacity	Icu: ≥ 100 kA at 230/240 V AC 50/60 Hz conforming to IEC 60947-2 Icu: ≥ 100 kA at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 Icu: ≥ 100 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 Icu: ≥ 100 kA at 500 V AC 50/60 Hz conforming to IEC 60947-2 Icu: ≥ 100 kA at 690 V AC 50/60 Hz conforming to IEC 60947-2
[Ics] Rated Service Short-Circuit Breaking Capacity	100 % at 230/240 V AC 50/60 Hz conforming to IEC 60947-2 100 % at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 100 % at 440 V AC 50/60 Hz conforming to IEC 60947-2 100 % at 500 V AC 50/60 Hz conforming to IEC 60947-2 100 % at 690 V AC 50/60 Hz conforming to IEC 60947-2
Control Type	Push-button
Thermal Protection Adjustment Range	0.25...0.4 A
Magnetic Tripping Current	5 A
[Ue] Rated Operational Voltage	690 V AC 50/60 Hz conforming to IEC 60947-2
[Ui] Rated Insulation Voltage	690 V AC 50/60 Hz conforming to IEC 60947-2
[Uimp] Rated Impulse Withstand Voltage	6 kV conforming to IEC 60947-2
Power Dissipation	2.5 W (per pole)

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

Mechanical Durability	100000 cycles
Electrical Durability	100000 cycles for AC-3
Maximum Operating Rate	25 cyc/h
Connections - Terminals	Screw clamp terminals 2 1...6 mm ² - cable stiffness: solid Screw clamp terminals 2 1.5...6 mm ² - cable stiffness: flexible without cable end Screw clamp terminals 2 1...4 mm ² - cable stiffness: flexible with cable end
Height	89 mm
Width	44.5 mm
Depth	78 mm
Net Weight	0.26 kg

Environment

Standards	IEC 60947-4 IEC 60947-2
Protective Treatment	TH
Ip Degree Of Protection	IP20 conforming to IEC 60529
Ambient Air Temperature For Operation	-20...60 °C
Ambient Air Temperature For Storage	-40...80 °C
Fire Resistance	960 °C conforming to 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	8.500 cm
Package 1 Width	4.800 cm
Package 1 Length	9.200 cm
Package 1 Weight	221 g
Unit Type Of Package 2	S02
Number Of Units In Package 2	24
Package 2 Height	15.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	5.693 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-CO₂ 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](#)

Weee The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Circularity Profile [End of Life Information](#)