Product datasheet

Specification





Motor circuit breaker, Easy TeSys Power, GZ1LE, 3P, push-botton, 14A, magnetic trip

GZ1LE16

Main

Range	Easy TeSys
Range Of Product	Easy TeSys Power
Product Or Component Type	Circuit breaker
Device Short Name	GZ1LE
Device Application	Motor
Trip Unit Technology	Magnetic
Suitability For Isolation	Yes conforming to IEC 60947-1 appendix 7.1.6
Colour	Grey (RAL 7011)

Complementary

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
Motor Power Kw	5.5 kW at 400 V AC 50/60 Hz 5.5 kW at 440 V AC 50/60 Hz 9 kW at 500 V AC 50/60 Hz 11 kW at 690 V AC 50/60 Hz
Breaking Capacity	lcu: >= 100 kA at 230/240 V AC 50/60 Hz conforming to IEC 60947-2 lcu: 10 kA at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 lcu: 6 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 lcu: 5 kA at 500 V AC 50/60 Hz conforming to IEC 60947-2 lcu: 2 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 75 % at 690 V AC 50/60 Hz conforming to IEC 60947-2 50 % at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 50 % at 440 V AC 50/60 Hz conforming to IEC 60947-2 75 % at 500 V AC 50/60 Hz conforming to IEC 60947-2
Control Type	Push-button
[In] Rated Current	14 A
Magnetic Tripping Current	170 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)
Mechanical Durability	100000 cycles
Electrical Durability	100000 cycles for AC-3
Maximum Operating Rate	25 cyc/h
Connections - Terminals	Screw clamp terminals 2 16 mm² - cable stiffness: solid Screw clamp terminals 2 1.56 mm² - cable stiffness: flexible without cable end Screw clamp terminals 2 14 mm² - cable stiffness: flexible with cable end
Height	89 mm
Width	44.5 mm
Depth	78 mm
Net Weight	0.25 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	-2060 °C
Ambient Air Temperature For Storage	-4080 °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	4.5 cm
Package 1 Width	8.5 cm
Package 1 Length	9.0 cm
Package 1 Weight	266.0 g
Unit Type Of Package 2	S02
Number Of Units In Package 2	24
Package 2 Height	15.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	6.773 kg
Unit Type Of Package 3	P06
Number Of Units In Package 3	384
Package 3 Height	105.0 cm
Package 3 Width	60.0 cm
Package 3 Length	80.0 cm
Package 3 Weight	104.064 kg



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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