## Product data sheet Characteristics

## **GZ1E06**

motor circuit breaker GZ1 - 3 poles 3d - 1..1.6A - thermomagnetic trip unit

Main	
Range	EasyPact
Product name	EasyPact TVS
Device short name	GZ1E
Product or component type	Circuit breaker
Device application	Motor
Trip unit technology	Thermal-magnetic
Suitability for isolation	Yes conforming to IEC 60947-1 appendix 7.1.6

## 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	1.1 kW at 690 V AC 50/60 Hz 0.75 kW at 500 V AC 50/60 Hz 0.55 kW at 440 V AC 50/60 Hz 0.37 kW at 400 V AC 50/60 Hz
Breaking capacity	Icu: > 100 kA at 690 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 440 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 230/240 V AC 50/60 Hz conforming to IEC 60947-2
[lcs] rated service short-circuit breaking capacity	100 % at 690 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 440 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 230/240 V AC 50/60 Hz conforming to IEC 60947-2
Control type	Push-button
Thermal protection adjustment range	11.6 A
Magnetic tripping current	22.5 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
Mechanical durability	100000 cycles
Electrical durability	100000 cycles AC-3
Operating rate	25 cyc/h
Connections - terminals	Screw clamp terminals:[Sapce] 2 cable(s) of 14 mm² (flexible)[Sapce] with cable end Screw clamp terminals:[Sapce] 2 cable(s) of 1.56 mm² (flexible)[Sapce] without cable end Screw clamp terminals:[Sapce] 2 cable(s) of 16 mm² (solid)[Sapce]
Tightening torque	1.7 N.m screw clamp terminals
Height	89 mm
Width	44.5 mm

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Depth	88 mm
Product weight	0.26 kg
Environment	
Standards	IEC 60947-2 IEC 60947-4
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
Offer Sustainability	
Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 1301 - Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold