



## 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
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
Motor power kW	5.5 kW at 230 V AC 50/60 Hz 9 kW at 400 V AC 50/60 Hz 11 kW at 440 V AC 50/60 Hz 11 kW at 500 V AC 50/60 Hz 18.5 kW at 690 V AC 50/60 Hz
Breaking capacity	Icu: 2 kA at 690 V AC 50/60 Hz conforming to IEC 60947-2 Icu: 10 kA at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 Icu: 30 kA at 230/240 V AC 50/60 Hz conforming to IEC 60947-2 Icu: 5 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 Icu: 3 kA at 500 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 440 V AC 50/60 Hz conforming to IEC 60947-2

75 % at 500 V AC 50/60 Hz conforming to IEC 60947-2  
 40 % at 400/415 V AC 50/60 Hz conforming to IEC 60947-2

Control type	Push-button
Thermal protection adjustment range	17...23 A
Magnetic tripping current	327 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 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 1...6 mm <sup>2</sup> - cable stiffness: solid Screw clamp terminals 2 1.5...6 mm <sup>2</sup> - cable stiffness: flexible without cable end Screw clamp terminals 2 1...4 mm <sup>2</sup> - cable stiffness: flexible with cable end
Tightening torque	1.7 N.m on screw clamp terminals
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

## 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
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	No need of specific recycling operations
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins