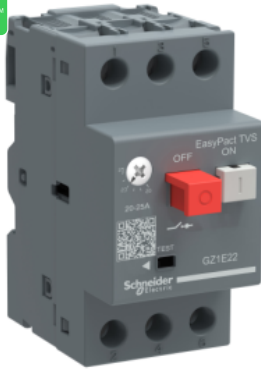


# Product datasheet

Specifications



## motor circuit breaker GZ1 - 3 poles 3d - 2.5..4A - thermomagnetic trip unit

GZ1E08

### 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	0.75 kW at 230 V AC 50/60 Hz 1.5 kW at 400 V AC 50/60 Hz 1.5 kW at 440 V AC 50/60 Hz 2.2 kW at 500 V AC 50/60 Hz 3 kW at 690 V AC 50/60 Hz
Breaking capacity	Icu: $\geq$ 100 kA at 230/240 V AC 50/60 Hz conforming to IEC 60947-2 Icu: $\geq$ 100 kA at 400/415 V AC 50/60 Hz conforming to IEC 60947-2 Icu: $\geq$ 100 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 Icu: $\geq$ 100 kA at 500 V AC 50/60 Hz conforming to IEC 60947-2 Icu: 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 60947-2 100 % 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 75 % at 690 V AC 50/60 Hz conforming to IEC 60947-2
Control type	Push-button
Thermal protection adjustment range	2.5...4 A
Magnetic tripping current	51 A

<b>[Ue] rated operational voltage</b>	690 V AC 50/60 Hz conforming to IEC 60947-2
<b>[Ui] rated insulation voltage</b>	690 V AC 50/60 Hz conforming to IEC 60947-2
<b>[Uimp] rated impulse withstand voltage</b>	6 kV conforming to IEC 60947-2
<b>Power dissipation</b>	2.5 W (per pole)
<b>Mechanical durability</b>	100000 cycles
<b>Electrical durability</b>	100000 cycles for AC-3
<b>Maximum operating rate</b>	25 cyc/h
<b>Connections - terminals</b>	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
<b>Height</b>	89 mm
<b>Width</b>	44.5 mm
<b>Depth</b>	78 mm
<b>Net weight</b>	0.26 kg

## Environment

<b>Standards</b>	IEC 60947-4 IEC 60947-2
<b>Protective treatment</b>	TH
<b>IP degree of protection</b>	IP20 conforming to IEC 60529
<b>Ambient air temperature for operation</b>	-20...60 °C
<b>Ambient air temperature for storage</b>	-40...80 °C
<b>Fire resistance</b>	960 °C conforming to IEC 60695-2-1
<b>Operating altitude</b>	2000 m

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	8.5 cm
<b>Package 1 Width</b>	4.8 cm
<b>Package 1 Length</b>	9.1 cm
<b>Package 1 Weight</b>	245 g
<b>Unit Type of Package 2</b>	S02
<b>Number of Units in Package 2</b>	24
<b>Package 2 Height</b>	15 cm
<b>Package 2 Width</b>	30 cm
<b>Package 2 Length</b>	40 cm
<b>Package 2 Weight</b>	6.27 kg
<b>Unit Type of Package 3</b>	P06
<b>Number of Units in Package 3</b>	384
<b>Package 3 Height</b>	77 cm
<b>Package 3 Width</b>	80 cm
<b>Package 3 Length</b>	60 cm

Package 3 Weight	111.78 kg
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## 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	Yes
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

## Recommended replacement(s)