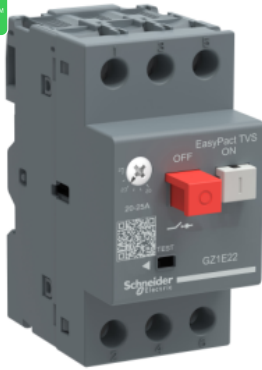


Product datasheet

Specifications



Motor circuit breaker, EasyPact, TVS GZ1E, AC-3, 3P, 4..6.3A, thermal magnetic detection

GZ1E10

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	1.1 kW at 230 V AC 50/60 Hz 2.2 kW at 400 V AC 50/60 Hz 3 kW at 440 V AC 50/60 Hz 3.7 kW at 500 V AC 50/60 Hz 4 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: 2 kA at 690 V AC 50/60 Hz conforming to IEC 60947-2 Icu: 30 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 Icu: 30 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 60947-2 100 % 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	4...6.3 A
Magnetic tripping current	78 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 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 60947-2 IEC 60947-4
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 Weight	268 g
Package 1 Height	8.5 cm
Package 1 Width	9 cm
Package 1 Length	4.8 cm
Unit Type of Package 2	S02
Number of Units in Package 2	24
Package 2 Weight	6.657 kg
Package 2 Height	15 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Unit Type of Package 3	P06
Number of Units in Package 3	384
Package 3 Weight	118.308 kg
Package 3 Height	77 cm
Package 3 Width	80 cm

Package 3 Length 60 cm

Offer Sustainability

Sustainable offer status Green Premium product

REACH Regulation [REACH Declaration](#)

EU RoHS Directive Compliant
[EU RoHS Declaration](#)

Mercury free Yes

RoHS exemption information Yes

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](#)

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