

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

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	7.5 kW at 690 V AC 50/60 Hz 5.5 kW at 500 V AC 50/60 Hz 4 kW at 440 V AC 50/60 Hz 4 kW at 400 V AC 50/60 Hz 2.2 kW at 230 V AC 50/60 Hz
Breaking capacity	Icu : 8 kA at 500 V AC 50/60 Hz conforming to IEC 60947-2 Icu : 10 kA at 440 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 : > 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
[Ics] rated service short-circuit breaking capacity	75 % 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	6...10 A
Magnetic tripping current	138 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 1...4 mm ² (flexible)[Sapce] with cable end Screw clamp terminals:[Sapce] 2 cable(s) of 1.5...6 mm ² (flexible)[Sapce] without cable end Screw clamp terminals:[Sapce] 2 cable(s) of 1...6 mm ² (solid)[Sapce]
Tightening torque	1.7 N.m screw clamp terminals
Height	89 mm

Width	44.5 mm
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	-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	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 1301 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold