

Motor circuit breaker, Easy TeSys Power, GZ1E, AC-3, 3P, 2.5..4A, thermal magnetic trip

GZ1E08

Main

Range	Easy TeSys	
Range of product	Easy TeSys Power	
Product or component type	Circuit breaker	
Device short name	GZ1E	
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: >= 100 kA at 230/240 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 440 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: 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	2.54 A
Magnetic tripping current	51 A
[Ue] rated operational voltage	690 V AC 50/60 Hz conforming to IEC 60947-2

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

[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 16 mm² - cable stiffness: solid Screw clamp terminals 2 1.56 mm² - cable stiffness: flexible without cable end Screw clamp terminals 2 14 mm² - cable stiffness: flexible with cable end	
Height	89 mm	
Width	44.5 mm	
Depth	78 mm	
Product weight	0.26 kg	

Environment

Standards	IEC 60947-4 IEC 60947-2	
Protective treatment	тн	
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	

Packing Units

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Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.500 cm
Package 1 Width	8.500 cm
Package 1 Length	9.100 cm
Package 1 Weight	238.000 g
Unit Type of Package 2	S02
Number of Units in Package 2	24
Package 2 Height	15.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	6.195 kg
Unit Type of Package 3	P06
Number of Units in Package 3	384
Package 3 Height	75.000 cm
Package 3 Width	60.000 cm
Package 3 Length	80.000 cm

Package 3 Weight

107.620 kg



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

☑ Environmental footprint	
Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	44
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	25204872-3df4-48c8-9f77-906ce87e060b
China RoHS Regulation	China RoHS declaration

Use Again

○ Repack and remanufacture	
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
Take-back	No