

Product datasheet

Specifications



enclosed molded case circuit breaker, SafePacT, 100A, 2P

MGE1002X

⚠ Discontinued on: 15 Feb 2023

EAN Code: 5018934933894

⚠ Discontinued

Main

Range	SafePacT 2
Product or component type	Enclosed moulded case circuit breaker
Poles description	2P
[In] rated current	100 A at 40 °C
[Ue] rated operational voltage	415 V AC 50/60 Hz
Suitability for isolation	Yes
[Icu] rated ultimate short-circuit breaking capacity	85 kA Icu at 240 V AC 50/60 Hz conforming to BS EN 60947-2
Trip unit technology	Thermal-magnetic
Trip unit protection functions	LI
Control type	Toggle
Circuit breaker mounting mode	Enclosed

Complementary

Utilisation category	AC-23
[Ics] rated service short-circuit breaking capacity	85 kA conforming to BS EN 60947-2
Mechanical durability	50000 cycles
Electrical durability	50000 cycles In/2 30000 cycles In
Enclosure material	Steel epoxy-polyester powder cream
[Ir] long-time protection pick-up adjustment range	80...100 A
Earth-leakage protection	Without
Contact position indicator	Yes

Environment

Standards	BS EN 60947-2
Product certifications	ASTA
IP degree of protection	IP42 conforming to EN/IEC 60529

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1

Contractual warranty

Warranty (in months)

18



Environmental Data

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 >](#)

Use Better



Materials and Substances

EU RoHS Directive

[Compliant](#)

Use Longer



Lifetime extension

Repair

No

Use Again



Repack and remanufacture

WEEE Label



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