

# Product datasheet

Specifications



## enclosed molded case circuit breaker, SafePacT, 100A, 3P+N

MGE1003X

⚠ Discontinued on: 3 Jul 2024

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### Main

Range	SafePacT 2
Product or component type	Enclosed moulded case circuit breaker
Poles description	3P + N
[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	70 kA Icu at 415 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	70 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

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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