

Product datasheet

Specifications



Molded case circuit breaker, PowerPacT 4, 2P, L3+L1, 100A, 415V

MGP1002L31

! Discontinued

! Discontinued on: 31 Oct 2022

! End-of-service on: 18 Apr 2024

Main

Range of product	PowerPacT 4
Product or component type	Circuit breaker
Device application	Distribution
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 conforming to BS EN 60947-2
Utilisation category	Category A
[Icu] rated ultimate short-circuit breaking capacity	25 kA Icu at 415 V AC 50/60 Hz
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Trip unit protection functions	LI
Control type	Toggle
Circuit breaker mounting mode	Panel-mounted

Complementary

[Ui] rated insulation voltage	750 V
[Uimp] rated impulse withstand voltage	8 kV
[Ics] rated service short-circuit breaking capacity	25 kA at 415 V AC 50/60 Hz
Mechanical durability	20000 cycles
Electrical durability	20000 cycles at 277 V In/2 10000 cycles at 277 V In
Mounting support	Backplate
Mounting position	Horizontal and vertical
Phase connection	L3 - L1
Number of modules	2 module(s)35 mm
Protection type	L : for overload protection (thermal) I : for short-circuit protection (magnetic)
Trip unit rating	100 A at 40 °C
Thermal protection adjustment range	100 A

Earth-leakage protection	Without
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Environment

Standards	BS EN 60947-2
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Packing Units

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

Warranty (in months)	18
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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 By Exemption](#)

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