

Product datasheet

Specifications



Powerpact 4 - Molded Case Circuit Breaker - 2P - 100A - 230 V - L3 - N

Local distributor code: 386963094 MGP1002L3N

! Discontinued on: 20 March 2023

EAN Code : 5060012390839

! Discontinued

Main

Range of product	PowerPacT 4
Product or component type	Circuit breaker
Device application	Distribution
Poles description	1P + N
[In] rated current	100 A at 40 °C
[Ue] rated operational voltage	230 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 - N
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

Environment

Standards	BS EN 60947-2
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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	11.0 cm
Package 1 Width	24.0 cm
Package 1 Length	25.5 cm
Package 1 Weight	2.43 kg

Offer Sustainability

REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
RoHS exemption information	Yes

Contractual warranty

Warranty	18 months
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Recommended replacement(s)

MGP1002L3N is replaced by:

1x



Molded case circuit breaker, PowerPacT 4, double pole L3+N, Icu 25kA, TMD thermal magnetic trip unit, 100A rating

PP41002L3N