

Product datasheet

Specifications



PTCCB_ODA_PHOTO_Integration

Local distributor code: 399376940 MGP1003XE2

! Discontinued on: 03 November 2022

EAN Code : 3606486440827

! Discontinued

Main

Range of product	PowerPacT 4
Product or component type	Circuit breaker
Device application	Distribution
Poles description	3P
[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	36 kA Icu at 415 V AC 50/60 Hz
Trip unit name	MicroLogic 2.2
Trip unit technology	Electronic
Trip unit protection functions	LSol
Control type	Toggle
Circuit breaker mounting mode	Panel-mounted

Complementary

[Ui] rated insulation voltage	800 V
[Uimp] rated impulse withstand voltage	8 kV
[Ics] rated service short-circuit breaking capacity	36 kA at 415 V AC 50/60 Hz
Mechanical durability	50000 cycles
Electrical durability	50000 cycles at 440 V In/2 30000 cycles at 440 V In
Mounting support	Backplate
Mounting position	Horizontal and vertical
Number of modules	3 module(s)35 mm
Trip unit rating	100 A at 40 °C

Long-time pick-up adjustment type Ir (thermal protection)	Adjustable
[Ir] long-time protection pick-up adjustment range	40...100 A
Long-time protection delay adjustment type tr	Fixed
Short-time protection pick-up adjustment type Isd	Adjustable
[Isd] Short-time protection pick-up adjustment range	1.5...10 x Ir
Short-time protection delay adjustment type tsd	Fixed
Instantaneous protection pick-up adjustment type li	Fixed
[li] instantaneous protection pick-up adjustment range	1500 A
Earth-leakage protection	Without
Zone selective interlocking ZSI	Without
Product destination	250 A panelboard 400/630 A panelboard

Packing Units

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

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

Contractual warranty

Warranty	18 months
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Recommended replacement(s)

MGP1003XE2 is replaced by:

1x



Molded case circuit breaker, PowerPacT 4, 3P, Icu 36kA, MicroLogic 2.2 electronic trip unit, 100A rating
PP41003X36ML2