

Product datasheet

Specifications



PTCCB_ODA_PHOTO_Integration

Local distributor code:

399378427

MGP4003TX

⚠ Discontinued on: 31 Oct 2022

⚠ End-of-service on: 18 Apr 2024

EAN Code: 3606486440667

⚠ Discontinued

Main

| | |
|--|---------------------------------|
| Range of product | PowerPacT 4 |
| Product or component type | Circuit breaker |
| Device application | Distribution |
| Electrical circuit type | Incoming |
| Poles description | 3P |
| [In] rated current | 400 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 |
| Performance level | F |
| Trip unit name | MicroLogic 2.3 |
| Trip unit technology | Electronic |
| Trip unit protection functions | LSol |
| Control type | Toggle |
| Circuit breaker mounting mode | Panel-mounted |

Complementary

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|---|--|
| [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 | 15000 cycles |
| Electrical durability | 12000 cycles at 440 V In/2 6000 cycles at 440 V In |
| Power dissipation per pole | 19.2 W |
| Mounting support | Backplate |
| Mounting position | Horizontal and vertical |
| Number of modules | 4 module(s)35 mm |
| Protection type | L : for overload protection (thermal) So : for short time short-circuit protection with fixed delay I : for instantaneous short-circuit protection |

| | |
|--|--|
| Trip unit rating | 400 A at 40 °C |
| Long-time pick-up adjustment type Ir (thermal protection) | Fixed |
| [Ir] long-time protection pick-up adjustment range | 160...400 A |
| Long-time protection delay adjustment type tr | Fixed |
| [tr] long-time protection delay adjustment range | 400 s at 1.5 x Ir 16 s at 6 x Ir 11 s at 7.2 x Ir |
| Thermal memory | 20 minutes before and after tripping |
| 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 Ii | Fixed |
| [Ii] instantaneous protection pick-up adjustment range | 4800 A |
| Earth-leakage protection | Without |
| Zone selective interlocking ZSI | Without |
| Contact position indicator | Yes |
| Local signalling | Flashing LED (green) for ready to operate LED 90 % Ir (orange) for pre-alarm indicator LED 105 % Ir (red) for overload |
| Width | 140 mm |
| Depth | 110 mm |
| Height | 255 mm |
| Net weight | 6.05 kg |
| Product destination | 400/630 A panelboard |
| Colour | Grey |

Environment

| | |
|--|--|
| Standards | BS EN 60947-2 |
| Electrical shock protection class | Class II |
| Pollution degree | 3 conforming to EN/IEC 60664-1 |
| IP degree of protection | IP40 conforming to EN/IEC 60529 |
| IK degree of protection | IK07 conforming to EN/IEC 62262 |
| Ambient air temperature for operation | -25...70 °C |
| Ambient air temperature for storage | -50...85 °C |
| Operating altitude | 0...2000 m without derating 2000...5000 m with derating |

Packing Units

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|-------------------------------------|-----|
| 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](#)

PVC free

Yes

Use Longer



Lifetime extension

Repair

No