

# Product datasheet

Specifications



## Molded case circuit breaker, PowerPacT 4, 1P, L2, 25A, 230V

MGP0251L2

⚠ Discontinued on: 9 Dec 2022

⚠ Discontinued

### Main

|                                                      |                                 |
|------------------------------------------------------|---------------------------------|
| Range of product                                     | PowerPacT 4                     |
| Product or component type                            | Circuit breaker                 |
| Device application                                   | Distribution                    |
| Poles description                                    | 1P                              |
| [In] rated current                                   | 25 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 230 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 230 V AC 50/60 Hz                                                           |
| Mechanical durability                               | 20000 cycles                                                                         |
| Electrical durability                               | 20000 cycles at 277 V In/2<br>10000 cycles at 277 V In                               |
| Mounting support                                    | Backplate                                                                            |
| Mounting position                                   | Horizontal and vertical                                                              |
| Phase connection                                    | L2                                                                                   |
| Number of modules                                   | 1 module(s)35 mm                                                                     |
| Protection type                                     | L : for overload protection (thermal)<br>I : for short-circuit protection (magnetic) |
| Trip unit rating                                    | 25 A at 40 °C                                                                        |
| Thermal protection adjustment range                 | 25 A                                                                                 |
| Earth-leakage protection                            | Without                                                                              |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

## Environment

|           |               |
|-----------|---------------|
| Standards | BS EN 60947-2 |
|-----------|---------------|

## Packing Units

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

## Contractual warranty

|                      |    |
|----------------------|----|
| 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        | <a href="#">Compliant</a> |
| PVC free                 | Yes                       |

### 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 |