# Product datasheet

Specifications



## Molded case circuit breaker, PowerPacT 4, single pole L3, Icu 25kA, TMD thermal magnetic trip unit, 25A rating

PP40251L3

**EAN Code: 5018934029207**

## 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 |
| **Performance level** | N |
| **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

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|---|---|
| **[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** | L3 |
| **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 |
| **Long-time pick-up adjustment type Ir (thermal protection)** | Fixed |

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

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|---|---|
| **[Ir] long-time protection pick-up adjustment range** | 1 x In |
| **Long-time protection delay adjustment type tr** | Fixed |
| **Instantaneous protection pick-up adjustment type Ii** | Fixed |
| **[Ii] instantaneous protection pick-up adjustment range** | 300 A |
| **Earth-leakage protection** | Without |
| **Contact position indicator** | Yes |
| **Colour** | Grey |

## Environment

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|---|---|
| **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<br>2000...5000 m with derating |

## Packing Units

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|---|---|
| **Unit Type of Package 1** | PCE |
| **Number of Units in Package 1** | 1 |
| **Package 1 Height** | 4.200 cm |
| **Package 1 Width** | 25.500 cm |
| **Package 1 Length** | 25.500 cm |
| **Package 1 Weight** | 1.394 kg |

## Contractual warranty

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|---|---|
| **Warranty** | 18 months |