

Product datasheet

Specifications



Molded case circuit breaker, PowerPacT 4, 3P, Icu 36kA, TMD thermal magnetic trip unit, 16A rating

PP40163X

EAN Code: 5018934030081

Main

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|--|---------------------------------|
| Range Of Product | PowerPacT 4 |
| Product Or Component Type | Circuit breaker |
| Device Application | Distribution |
| Poles Description | 3P |
| [In] Rated Current | 16 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 | 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 | 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 |
| Power Dissipation Per Pole | 2.92 W |
| Mounting Support | Backplate |
| Mounting Position | Horizontal and vertical |
| Number Of Modules | 3 module(s)35 mm |
| Protection Type | L : for overload protection (thermal) I : for short-circuit protection (magnetic) |
| Trip Unit Rating | 16 A at 40 °C |
| Long-Time Pick-Up Adjustment Type Ir (Thermal Protection) | Fixed |

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| [Ir] Long-Time Protection Pick-Up Adjustment Range | 0.7...1 x In |
| Long-Time Protection Delay Adjustment Type Tr | Fixed |
| Instantaneous Protection Pick-Up Adjustment Type li | Fixed |
| [Ii] Instantaneous Protection Pick-Up Adjustment Range | 190 A |
| Earth-Leakage Protection | Without |
| Contact Position Indicator | Yes |
| Width | 105 mm |
| Depth | 86 mm |
| Height | 161 mm |
| Net Weight | 2.05 kg |
| Product Destination | 250 A panelboard 400/630 A panelboard |
| 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 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 | 12 cm |
| Package 1 Width | 26 cm |
| Package 1 Length | 26 cm |
| Package 1 Weight | 3.372 kg |
| Unit Type Of Package 2 | PAM |
| Number Of Units In Package 2 | 84 |
| Package 2 Height | 100 cm |
| Package 2 Width | 100 cm |
| Package 2 Length | 120 cm |
| Package 2 Weight | 303.248 kg |

Contractual warranty

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