# Product datasheet

Specifications

## control unit Micrologic 5.0, for Masterpact NT/NW, LSI protections

33070

**EAN Code: 3303430330707**

## Main

| | |
|---|---|
| **Product Or Component Type** | Control unit |
| **Trip Unit Name** | MicroLogic 5.0 |
| **Trip Unit Technology** | Electronic |
| **Range Compatibility** | MasterPact NT<br>MasterPact NW<br>Compact NS<br>Masterpact MT<br>PowerPact P-Frame<br>PowerPact R-Frame |
| **Device Application** | Distribution |
| **Number Of Poles** | 4P<br>3P |
| **Protected Poles Description** | 3t<br>3t + N/2<br>4t |
| **Trip Unit Protection Functions** | Selective protection |
| **Protection Type** | for short time short-circuit protection<br>for overload protection (long time)<br>for instantaneous short-circuit protection |
| **Trip Unit Rating** | 630 A at 50 °C<br>800 A at 50 °C<br>1000 A at 50 °C<br>1250 A at 50 °C<br>1600 A at 50 °C<br>2000 A at 50 °C<br>2500 A at 50 °C<br>3200 A at 50 °C<br>4000 A at 50 °C<br>5000 A at 50 °C<br>6300 A at 50 °C |
| **Network Type** | AC |
| **Network Frequency** | 50/60 Hz |
| **Circuit Breaker Mounting Mode** | Fixed<br>Drawout |

## Complementary

| | |
|---|---|
| **Long-Time Pick-Up Adjustment Type Ir (Thermal Protection)** | Adjustable 9 settings |
| **[Ir] Long-Time Protection Pick-Up Adjustment Range** | 0.4...1 x In |
| **Long-Time Protection Delay Adjustment Type Tr** | Adjustable 9 settings |
| **[Tr] Long-Time Protection Delay Adjustment Range** | 0.7…16.6 s at 7.2 x Ir<br>0.5…24 s at 6 x Ir<br>12.5…600 s at 1.5 x Ir |

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

| | |
|---|---|
| **Thermal Memory** | 20 mn |
| **Short-Time Protection Pick-Up Adjustment Type Isd** | Adjustable 9 settings |
| **[Isd] Short-Time Protection Pick-Up Adjustment Range** | 1.5...10 x Ir |
| **Short-Time Protection Delay Adjustment Type Tsd** | Adjustable |
| **[Tsd] Short-Time Protection Delay Adjustment Range** | 0…0.4 s I²t=off<br>0.1…0.4 s I²t=on |
| **Instantaneous Protection Pick-Up Adjustment Type Ii** | Adjustable 9 settings |
| **[Ii] Instantaneous Protection Pick-Up Adjustment Range** | 2...15 x In<br>Off |
| **Earth-Leakage Protection** | Without |
| **Zone Selective Interlocking Zsi** | Without |
| **Local Signalling** | 3 LEDs (red) for electrical fault<br>1 LED (red) for internal error |

## Environment

| | |
|---|---|
| **Ambient Air Temperature For Operation** | -25…70 °C |
| **Ambient Air Temperature For Storage** | -50…85 °C |

## Packing Units

| | |
|---|---|
| **Unit Type Of Package 1** | PCE |
| **Number Of Units In Package 1** | 1 |
| **Package 1 Height** | 22 cm |
| **Package 1 Width** | 8 cm |
| **Package 1 Length** | 7 cm |
| **Package 1 Weight** | 160 g |

## Contractual warranty

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

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-$CO_2$ products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Transparency RoHS/REACh

## Well-being performance

| | |
|---|---|
| Mercury Free | |
| Rohs Exemption Information | Yes |
| Pvc Free | |

## Certifications & Standards

| | |
|---|---|
| **Reach Regulation** | REACh Declaration |
| **Eu Rohs Directive** | Compliant with Exemptions |
| **China Rohs Regulation** | China RoHS declaration<br>Product out of China RoHS scope. Substance declaration for your information |
| **Environmental Disclosure** | Product Environmental Profile |
| **Circularity Profile** | End of Life Information |