# Product datasheet

Specifications



## Micrologic 6.0 E for MASTERPACT NW drawout

Local distributor code:

399352841 48500

**EAN Code: 3606480344817**

## Main

| | |
|---|---|
| **Range** | MasterPact |
| **Range of product** | MasterPact NW |
| **Product or component type** | Control unit |
| **Trip unit name** | MicroLogic 6.0 E |
| **Trip unit technology** | Electronic |
| **Range compatibility** | Masterpact NW08...40<br>Masterpact NW40b...63<br>Masterpact NW H10<br>Masterpact NW H2 corrosion protection |
| **Device application** | Distribution |
| **Number of poles** | 3P<br>4P |
| **Protected poles description** | 4t<br>3t<br>3t + N/2 |
| **Trip unit protection functions** | Selective + earth-fault protection |
| **Protection type** | for overload protection (long time)<br>for short time short-circuit protection<br>for instantaneous short-circuit protection<br>for earth fault |
| **Trip unit rating** | 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** | 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>0.7…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 |
| **Ground-fault protection pick-up adjustment type Ig** | Adjustable 9 settings |
| **[Ig] ground-fault protection pick-up adjustment range** | 0.2...1 x In for 400 A < In < 1250 A<br>0.3...1 x In for In <= 400 A<br>500...1200 A for In >= 1250 A |
| **Ground-fault protection time delay adjustment type tg** | Adjustable |
| **[tg] ground-fault protection time delay adjustment range** | 0…0.4 s I²t=off<br>0.1…0.4 s I²t=on |
| **Earth-leakage protection** | Without |
| **Zone selective interlocking ZSI** | With |
| **Local signalling** | 3 LEDs (red) for electrical fault<br>1 LED (red) for internal error |
| **Display type** | Digital display |
| **Type of measurement** | Energy meter |
| **Communication of data** | Measurement readout<br>Protection and alarm settings |

## Environment

| | |
|---|---|
| **Ambient air temperature for operation** | -25…70 °C |
| **Ambient air temperature for storage** | -40…85 °C |

## Packing Units

| | |
|---|---|
| **Unit Type of Package 1** | PCE |
| **Number of Units in Package 1** | 1 |
| **Package 1 Height** | 6.8 cm |
| **Package 1 Width** | 8.0 cm |
| **Package 1 Length** | 21.5 cm |
| **Package 1 Weight** | 369.0 g |

## Logistical informations

| | |
|---|---|
| **Country of origin** | FR |

## 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 >

### Environmental footprint

| | |
|---|---|
| Total lifecycle Carbon footprint | **32 kg CO2 eq.** |
| Carbon footprint of the manufacturing phase [A1 to A3] | **22 kg CO2 eq.** |
| Carbon footprint of the distribution phase [A4] | **0 kg CO2 eq.** |
| Carbon footprint of the installation phase [A5] | **0.1 kg CO2 eq.** |
| Carbon footprint of the use phase [B2, B3, B4, B6] | **9 kg CO2 eq.** |
| Carbon footprint of the end-of-life phase [C1 to C4] | **0.8 kg CO2 eq.** |
| Environmental Disclosure | **Product Environmental Profile** |

## Use Better

### Materials and Substances

| | |
|---|---|
| Packaging made with recycled cardboard | **Yes** |
| Packaging without single use plastic | **No, we have minimized the use of plastic in the packaging in compliance with regulations and considering quality and safety standards** |
| SCIP Number | **6ac3934d-9e20-40a3-adef-08cec90e29e2** |
| EU RoHS Directive | **Compliant By Exemption** |
| REACh Regulation | **Reference contains Substances of Very High Concern above the threshold** |
| Halogen-free status | **Product contains halogen above thresholds** |
| PVC free | **No** |

## Use Longer

### Lifetime extension

| | |
|---|---|
| Repair | **No** |

## Use Again

### Repack and remanufacture

| | |
|---|---|
| Recyclability potential, in % | **3** |
| End of life manual availability | **End of Life Information** |
| Removable battery | **User replaceable** |
| Take-back | **No** |
| WEEE Label | **The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins** |