

Product datasheet

Specifications



Circuit breaker trip unit, Micrologic 3.0 A, for Masterpact NW UL 489 drawout, LI

64857

⚠ Discontinued on: 1 Nov 2020

⚠ Discontinued

Main

| | |
|--------------------------------|---|
| Range | MasterPact |
| Range of product | MasterPact NW UL 489 |
| Product or component type | Control unit |
| Trip unit name | MicroLogic 3.0 A |
| Trip unit technology | Electronic |
| Range compatibility | Masterpact NW08...50 UL 489 |
| Device application | Distribution |
| Number of poles | 4P 3P |
| Protected poles description | 4t 3t 3t + N/2 |
| Trip unit protection functions | Basic protection |
| Protection type | for overload protection (long time) for instantaneous short-circuit protection |
| Trip unit rating | 800 A at 50 °C 1200 A at 50 °C 1600 A at 50 °C 2000 A at 50 °C 2500 A at 50 °C 3000 A at 50 °C 4000 A at 50 °C 5000 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 0.42...1 x In 0.48...64 x In 0.6...1 x In 0.66...82 x In 0.84...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 0.7...24 s at 6 x Ir 12.5...600 s at 1.5 x Ir |

Excluding VAT, FCA Jabal Ali & amp; are subject to change – check with your local distributor.

| | |
|--|---|
| Thermal memory | 20 mn |
| Instantaneous protection pick-up adjustment type li | Adjustable 9 settings |
| [li] instantaneous protection pick-up adjustment range | 1.5...12 x In |
| Earth-leakage protection | Without |
| Zone selective interlocking ZSI | Without |
| Local signalling | 3 LEDs (red) for electrical fault 1 LED (red) for internal error |
| Display type | Digital display |
| Type of measurement | Ammeter |
| Communication of data | Measurement readout Protection and alarm settings |

Environment

| | |
|---------------------------------------|-------------|
| Standards | UL 489 |
| 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 | 5.5 cm |
| Package 1 Width | 5.0 cm |
| Package 1 Length | 180.0 cm |
| Package 1 Weight | 600.0 g |

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

| | |
|--|--|
| Packaging made with recycled cardboard | Yes |
| Packaging without single use plastic | No |
| SCIP Number | 951cdf6a-bfa5-4dd0-b3fd-3e64c3da0d2f |
| EU RoHS Directive | Compliant By Exemption |

Use Longer




Lifetime extension

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

Use Again



Repack and remanufacture

| | |
|---------------------------------|---|
| End of life manual availability | No need of specific recycling operations |
| Take-back | Nej |
| WEEE Label |  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |