

Product datasheet

Specifications



trip unit - Micrologic 5.3 A - 400 A - 3 poles 3d

LV436076

Main

| | |
|--------------------------------|--|
| Range | ComPact |
| Range of product | ComPact NSX400...630 |
| Product or component type | Control unit |
| Trip unit name | MicroLogic 5.3 A |
| Trip unit technology | Electronic |
| Range compatibility | ComPact NSX400 ComPact NSX630 |
| Device application | Distribution Generator |
| Number of poles | 3P |
| Protected poles description | 3t |
| Trip unit protection functions | LSI |
| Protection type | L : for overload protection (long time) S : for short time short-circuit protection I : for instantaneous short-circuit protection |
| Trip unit rated current | 400 A at 40 °C |
| [Ue] rated operational voltage | 690 V AC 50/60 Hz |
| Network type | AC |
| Network frequency | 50/60 Hz |
| Circuit breaker mounting mode | Fixed |

Complementary

| | |
|---|---|
| Long-time pick-up adjustment type Ir (thermal protection) | Adjustable |
| [Ir] long-time protection pick-up adjustment range | 160...400 A |
| Long-time protection delay adjustment type tr | Adjustable |
| [tr] long-time protection delay adjustment range | 15...400 s at 1.5 x Ir 0.35...11 s at 7.2 x Ir 0.5...16 s at 6 x Ir |
| Thermal memory | 20 minutes before and after tripping |
| Short-time protection pick-up adjustment type Isd | Adjustable |
| [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 I ² t=off 0.1...0.4 s I ² t=on |

| | |
|---|--|
| Instantaneous protection pick-up adjustment type li | Adjustable |
| [li] instantaneous protection pick-up adjustment range | 1.5...11 x In Compact NSX630 1.5...12 x In Compact NSX400 |
| Zone selective interlocking ZSI | With |
| Display type | LCD display |
| Type of measurement | Ammeter |
| Communication of data | Energy metering Time-stamped histories and event tables Instantaneous and demand values Maintenance indicators Power quality Demand current and power Maximeters/minimeters Protection and alarm settings |
| Electrical data recording | Maintenance indicators |

Environment

| | |
|--|------------------------------|
| Standards | UL 508 EN/IEC 60947-2 |
| Product certifications | CCC Marine EAC |
| Pollution degree | 3 conforming to IEC 60529 |
| IP degree of protection | IP40 conforming to IEC 60529 |
| 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 | 21.700 cm |
| Package 1 Width | 17.500 cm |
| Package 1 Length | 13.500 cm |
| Package 1 Weight | 1.487 kg |
| Unit Type of Package 2 | S04 |
| Number of Units in Package 2 | 10 |
| Package 2 Height | 30.000 cm |
| Package 2 Width | 40.000 cm |
| Package 2 Length | 60.000 cm |
| Package 2 Weight | 15.130 kg |
| Unit Type of Package 3 | P12 |
| Number of Units in Package 3 | 40 |
| Package 3 Height | 45.000 cm |
| Package 3 Width | 80.000 cm |
| Package 3 Length | 120.000 cm |
| Package 3 Weight | 72.520 kg |

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

[Environmental Disclosure](#)

[Product Environmental Profile](#)

Use Better



Materials and Substances

Packaging made with recycled cardboard

Yes

Packaging without single use plastic

No

SCIP Number

2f58816f-3353-4612-b9dd-9acce4b9465f

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

Silicone-free

No

Use Longer



Lifetime extension

Repair

No

Use Again



Repack and remanufacture

End of life manual availability

[End of Life Information](#)

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