

Product datasheet

Specifications



trip unit MicroLogic 5.2 E for ComPact NSX 250 circuit breakers, electronic, rating 250A, 4 poles 4d

Local distributor code:

391355422

LV431496

⚠ Discontinued on: 9 Aug 2023

⚠ Discontinued

Important message: This product has been switched to new ComPacT range and is no longer commercialized. It will continue to be available in H1 2023 only limited to specific projects.

EAN Code: 3606480017056

Main

| | |
|--------------------------------|--|
| Range | ComPact |
| Range of product | ComPact NSX100...250 |
| Product or component type | Trip unit |
| Trip unit name | MicroLogic 5.2 E |
| Trip unit technology | Electronic |
| Range compatibility | ComPact NSX250 |
| Device application | Distribution |
| Number of poles | 4P |
| Protected poles description | 3t + OSN 4t 3t 3t + N/2 |
| Neutral position | Left |
| 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 | 250 A at 40 °C |
| [Ue] rated operational voltage | 690 V AC 50/60 Hz |
| Network type | AC |
| Network frequency | 50/60 Hz |

Complementary

| | |
|---|---|
| Long-time pick-up adjustment type Ir (thermal protection) | Adjustable 9 settings |
| [Ir] long-time protection pick-up adjustment range | 100...250 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 9 settings |

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|--|--|
| [I_{sd}] Short-time protection pick-up adjustment range | 1.5...10 x I _r |
| 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...12 x I _n |
| Earth-leakage protection | Without |
| Neutral protection settings | 0.5 x I _r (3t + N/2) 1 x I _r (4t) 1.6 x I _r (3t + OSN) No protection (3t) |
| Zone selective interlocking ZSI | With |
| Local signalling | Flashing LED (green) for ready to operate LED 105 % I _r (red) for overload LED 90 % I _r (orange) for overload |
| Display type | LCD display |
| Type of measurement | Energy meter |
| Communication of data | Energy metering Demand current and power Maintenance indicators Instantaneous and demand values Time-stamped histories and event tables Protection and alarm settings Power quality Maximeters/minimeters |
| Electrical data recording | Maintenance indicators |

Environment

| | |
|--|--------------------------|
| Standards | UL 508 EN/IEC 60947-2 |
| Product certifications | CCC EAC Marine |
| Ambient air temperature for operation | -25...70 °C |
| Ambient air temperature for storage | -40...85 °C |

Packing Units

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|-------------------------------------|---------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 9.6 cm |
| Package 1 Width | 11.7 cm |
| Package 1 Length | 15.1 cm |
| Package 1 Weight | 700.0 g |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 11 |
| Package 2 Height | 30.0 cm |
| Package 2 Width | 30.0 cm |
| Package 2 Length | 40.0 cm |

Package 2 Weight 7.8 kg

Contractual warranty

Warranty 18 months

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 | 207 |
|----------------------------------|-----|

Use Better

Materials and Substances

| | |
|-----------------------------------|---------------------------|
| EU RoHS Directive | Compliant with Exemptions |
|-----------------------------------|---------------------------|

| | |
|-------------|--------------------------------------|
| SCIP Number | 9cd110c5-7f48-4bb3-91b8-ba77f361496d |
|-------------|--------------------------------------|

Use Again

Repack and remanufacture

| | |
|------------|--|
| WEEE Label |  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
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