



Main

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|--------------------------------|---|
| Range | ComPact |
| Range of product | ComPact NSX100...250 |
| Product or component type | Trip unit |
| Trip unit name | Micrologic 6.2 A |
| Trip unit technology | Electronic |
| Range compatibility | ComPact NSX100 ComPact NSX160 ComPact NSX250 |
| Device application | Distribution |
| Number of poles | 3P |
| Protected poles description | 3t |
| Trip unit protection functions | LSIG |
| Protection type | L : for overload protection (long time) S : for short time short-circuit protection I : for instantaneous short-circuit protection G : for ground fault protection |
| Trip unit rated current | 40 A at 40 °C |
| [Ue] rated operational voltage | 690 V AC 50/60 Hz |
| Network type | AC |
| Network frequency | 50/60 Hz |

Complementary

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| Long-time pick-up adjustment type Ir (thermal protection) | Adjustable 9 settings |
| [Ir] long-time protection pick-up adjustment range | 18...40 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 |
| [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 Ii | Adjustable |
| [Ii] instantaneous protection pick-up adjustment range | 1.5...12 x In Compact NSX250 1.5...15 x In Compact NSX100 1.5...15 x In Compact NSX160 |
| Ground-fault protection pick-up adjustment type Ig | Adjustable |
| [Ig] ground-fault protection pick-up adjustment range | 0.2...1 x In for In = 40 A 0.4...1 x In for In > 40 A Ig enable on/off |
| Ground-fault protection time delay adjustment type tg | Adjustable |
| [tg] ground-fault protection time delay adjustment range | 0...0.4 S I ² t=off 0.1...0.4 s I ² t=on |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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| Earth-leakage protection | Without |
| 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 | Ammeter |
| Communication of data | Power quality Maximeters/Minimeters Protection and alarm settings Time-stamped histories and event tables Demand current and power Energy metering Maintenance indicators Instantaneous and demand values |
| Electrical data recording | Maintenance indicators |

Environment

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|---------------------------------------|--------------------------|
| Standards | UL 508 EN/IEC 60947-2 |
| Product certifications | Marine CCC EAC |
| 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 Weight | 546 g |
| Package 1 Height | 9.7 cm |
| Package 1 width | 11 cm |
| Package 1 Length | 15 cm |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 11 |
| Package 2 Weight | 6.493 kg |
| Package 2 Height | 30 cm |
| Package 2 width | 30 cm |
| Package 2 Length | 40 cm |

Offer Sustainability

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|----------------------------|---|
| Sustainable offer status | Green Premium product |
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS Declaration |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End Of Life Information |

Contractual warranty

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| Warranty | 18 months |
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