



Main

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|--------------------------------|---|
| Range | ComPact |
| Range of product | ComPact NSX400...630 |
| Product or component type | Trip unit |
| Trip unit name | Micrologic 6.3 E |
| Trip unit technology | Electronic |
| Range compatibility | ComPact NSX630 |
| Device application | Distribution Generator |
| Number of poles | 4P |
| Protected poles description | 3t + OSN 3t + N/2 4t 3t |
| Neutral position | Left |
| 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 | 630 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 | 250...630 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 Ii | Adjustable |
| [Ii] instantaneous protection pick-up adjustment range | 1.5...11 x In Compact NSX630 |
| Ground-fault protection pick-up adjustment type Ig | Adjustable |
| [Ig] ground-fault protection pick-up adjustment range | 0.2...1 x In |
| Ground-fault protection time delay adjustment type tg | Adjustable |
| Earth-leakage protection | Without |
| Neutral protection settings | 0.5 x Ir (3t + N/2) 1 x Ir (4t) 1.6 x Ir (3t + OSN) No protection (3t) |
| Zone selective interlocking ZSI | With |

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|---------------------------|--|
| Local signalling | Flashing LED (green) for ready to operate LED 105 % Ir (red) for overload LED 90 % Ir (orange) for overload |
| Display type | LCD display |
| Type of measurement | Energy meter |
| Communication of data | Time-stamped histories and event tables Maximeters/Minimeters Protection and alarm settings Power quality Energy metering Instantaneous and demand values Maintenance indicators Demand current and power |
| Electrical data recording | Maintenance indicators |

Environment

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|---------------------------------------|------------------------------|
| Standards | EN/IEC 60947-2 UL 508 |
| Product certifications | Marine EAC CCC |
| Pollution degree | 3 conforming to IEC 60947-1 |
| 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

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| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Weight | 1.825 kg |
| Package 1 Height | 13.7 cm |
| Package 1 width | 17.7 cm |
| Package 1 Length | 21.5 cm |
| Unit Type of Package 2 | S04 |
| Number of Units in Package 2 | 10 |
| Package 2 Weight | 18.92 kg |
| Package 2 Height | 30 cm |
| Package 2 width | 40 cm |
| Package 2 Length | 60 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 |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

Contractual warranty

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| Warranty | 18 months |
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