



Main

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|--------------------------------|--|
| Range | ComPacT new generation |
| Range of product | ComPacT NSX400...630 new generation |
| Product or component type | Trip unit |
| Trip unit name | MicroLogic 7.3 E |
| Trip unit technology | Electronic |
| Range compatibility | ComPacT new generation NSX630 |
| Device application | Distribution |
| Poles description | 3P |
| Protected poles description | 3D |
| Trip unit protection functions | LSIR |
| Protection type | L : for overload protection (long time) S : for short time short-circuit protection I : for instantaneous short-circuit protection R : for earth-leakage protection |
| Trip unit rating | 570 A at 40 °C |
| [Ue] rated operational voltage | 440 V AC 50/60 Hz |
| Network type | AC |
| Network frequency | 50/60 Hz |
| Circuit breaker mounting mode | Fixed |

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...570 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 |
| Earth-leakage protection | Integrated |
| Earth-leakage protection class | Class A |
| Earth-leakage protection sensitivity adjustment type IΔn | Adjustable |

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|---|---|
| [IΔn] earth-leakage protection sensitivity adjustment range | 0.3 A 0.5 A 1 A 3 A 5 A 10 A |
| Earth-leakage protection specific mode | OFF using the IΔn rotary switch |
| Earth-leakage protection time delay adjustment type Δt | Adjustable |
| [Δt] Earth-leakage protection time delay adjustment range | 0 Ms 60 Ms 150 Ms 500 Ms 1 s |
| Zone selective interlocking ZSI | Without |
| 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 | Power quality Earth leakage current Protection and alarm settings Maintenance indicators Maximeters/Minimeters Energy metering Demand current and power Instantaneous and demand values Test reports Time-stamped histories and event tables |

Environment

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|---------------------------------------|------------------------------|
| Standards | EN/IEC 60947-2 |
| Electrical shock protection class | Class II |
| 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 Height | 16.800 cm |
| Package 1 Width | 21.400 cm |
| Package 1 Length | 24.900 cm |
| Package 1 Weight | 1.887 kg |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 2 |
| Package 2 Height | 30.000 cm |
| Package 2 Width | 30.000 cm |
| Package 2 Length | 40.000 cm |
| Package 2 Weight | 4.130 kg |

Offer Sustainability

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|----------------------------|--|
| Sustainable offer status | Green Premium product |
| REACH Regulation |  REACH Declaration |
| EU RoHS Directive | Compliant with Exemptions |
| Mercury free | Yes |
| China RoHS Regulation |  China RoHS Declaration |
| RoHS exemption information |  Yes |

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|-----------------------------|---|
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End Of Life Information |
| Halogen content performance | Halogen free plastic parts product |