



Main

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| Range of product | NSX400...630 |
| Product or component type | Control unit |
| Range compatibility | Compact NSX630 |
| Device application | Distribution |
| Poles description | 4P |
| Protected poles description | 3t + N/2 3t 4t |
| Neutral position | Left |
| Network type | AC |
| Network frequency | 50/60 Hz |
| Trip unit name | Micrologic 2.3 |
| Trip unit technology | Electronic |
| Trip unit protection functions | LSol |
| Protection type | L : for overload protection (long time) So : for short time short-circuit protection with fixed delay I : for instantaneous short-circuit protection |
| Trip unit rating | 630 A at 40 °C |

Complementary

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| Mounting mode | Fixed |
| [Ue] rated operational voltage | 690 V AC 50/60 Hz |
| Neutral protection setting | 0.5 x Ir (3t + N/2) 1 x Ir (4t) No protection (3t) |
| Long time pick-up adjustment type Ir | Adjustable 9 settings |
| [Ir] long time pick-up adjustment range | 0.9...1 x Io |
| Long time delay adjustment type | Fixed |
| [Tr] long-time delay adjustment range | 11 s at 7.2 x Ir 16 s at 6 x Ir 400 s at 1.5 x Ir |
| Thermal memory | 20 minutes before and after tripping |

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|---|-----------------------|
| Short-time pick-up adjustment type Isd | Adjustable 9 settings |
| [Isd] short-time pick-up adjustment range | 1.5...10 x Ir |
| Short-time delay adjustment type | Fixed |
| [Tsd] short-time delay adjustment range | 0.02 s |
| Instantaneous pick-up adjustment type li | Fixed |
| [li] instantaneous pick-up adjustment range | 6900 A |

Environment

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|---------------------------------------|--------------------------|
| Standards | EN/IEC 60947-2 UL 508 |
| Product certifications | Marine CCC EAC |
| Ambient air temperature for operation | -25...70 °C |
| Ambient air temperature for storage | -50...85 °C |

Offer Sustainability

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|----------------------------|---|
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS declaration Product out of China RoHS scope. Substance declaration for your information |

Contractual warranty

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| Warranty | 18 months |
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