



Main

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| Range of product | NSX100...250 |
| Product or component type | Control unit |
| Range compatibility | Compact NSX100 Compact NSX160 Compact NSX250 |
| Device application | Distribution |
| Poles description | 3P |
| Protected poles description | 3t |
| Network type | AC |
| Network frequency | 50/60 Hz |
| Trip unit name | Micrologic 6.2 E |
| Trip unit technology | Electronic |
| Trip unit protection functions | LSIG |
| Trip unit rating | 40 A 40 °C |
| Protection type | Overload protection (long time) L Instantaneous short-circuit protection I Short time short-circuit protection S Ground fault protection G |

Complementary

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| Mounting mode | Fixed |
| [Ue] rated operational voltage | 690 V AC 50/60 Hz |
| Long time pick-up adjustment type Ir | Adjustable 9 settings |
| [Ir] long time pick-up adjustment range | 18...40 A |
| Long time delay adjustment type | Adjustable |
| [Tr] long-time 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 |

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| Thermal memory | 20 minutes before and after tripping |
| Short-time pick-up adjustment type I _{sd} | Adjustable 9 settings |
| [I _{sd}] short-time pick-up adjustment range | 1.5...10 x I _r |
| Short-time delay adjustment type | Adjustable |
| [T _{sd}] short-time delay adjustment range | 0.1...0.4 s I ² t=on 0...0.4 s I ² t=off |
| Instantaneous pick-up adjustment type I _i | Adjustable |
| [I _i] instantaneous pick-up adjustment range | 1.5...12 x I _n Compact NSX250 1.5...15 x I _n Compact NSX100 1.5...15 x I _n Compact NSX160 |
| Ground-fault time delay adjustment type -t _g | Adjustable |
| Ground-fault pick-up adjustment type | Adjustable |
| [I _g] ground-fault pick-up adjustment range | I _g enable on/off 0.2...1 x I _n I _n = 40 A 0.4...1 x I _n I _n > 40 A |
| Zone selective interlocking ZSI | With |
| Communication of data | Demand current and power Energy metering Instantaneous and demand values Maintenance indicators Maximeters/minimeters Power quality Protection and alarm settings Time-stamped histories and event tables |
| Display type | LCD display |
| Type of measurement | Energy meter |
| Electrical data recording | Maintenance indicators |

Environment

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

Offer Sustainability

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|----------------------------------|---|
| Sustainable offer status | Green Premium product |
| RoHS (date code: YYWW) | Compliant - since 0819 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity |
| REACH | Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold |
| Product environmental profile | Available |
| Product end of life instructions | Available |

Contractual warranty

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| Warranty period | 18 months |
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