



Main

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| Range of product | NSX100...250 |
| Circuit breaker application | Motor protection |
| Poles description | 3P |
| Protected poles description | 3t |
| Network type | AC |
| Network frequency | 50/60 Hz |
| Trip unit name | Micrologic 6.2 E-M |
| Trip unit technology | Electronic |
| Trip unit protection functions | LSIG |
| Trip unit rating | 50 A (65 °C) |
| Protection type | Ground fault protection Instantaneous short-circuit protection Overload protection (long time) Short time short-circuit protection |

Complementary

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| Mounting mode | Fixed |
| [Ue] rated operational voltage | 690 V AC 50/60 Hz |
| Motor tripping class | 10 20 30 5 |
| Complementary motor protection | Current unbalance Protracted starting time Stalled rotor Underload |
| Long time pick-up adjustment type Ir | Adjustable |
| Long time pick-up adjustment range | 25...50 A |
| Long time delay adjustment type | Adjustable |
| [tr] long-time delay adjustment | 10 s 7.2 x Ir 10 120 s 1.5 x Ir 5 20 s 7.2 x Ir 20 240 s 1.5 x Ir 10 26 s 6 x Ir 20 30 s 7.2 x Ir 30 38 s 6 x Ir 30 480 s 1.5 x Ir 20 5 s 7.2 x Ir 5 720 s 1.5 x Ir 30 13.5 s 6 x Ir 10 6.5 s 6 x Ir 5 |
| Thermal memory | 20 minutes before and after tripping |
| Short-time pick-up adjustment type Isd | Adjustable |
| [Isd] short-time pick-up adjustment range | 5...13 x Ir |
| Short-time delay adjustment type | Fixed |
| Instantaneous pick-up adjustment type li | Fixed |
| Instantaneous pick-up adjustment range | 750 A |
| Ground-fault time delay adjustment type -tg | Adjustable |
| Ground-fault pick-up adjustment type | Adjustable |
| [tg] ground-fault time delay adjustment range | 0...0.4 s |
| [Ig] ground-fault pick-up adjustment range | 0.3...1 x In |
| Zone selective interlocking ZSI | With |
| Display type | LCD display |

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| Type of measurement | Energy meter |
| Electrical data recording | Maintenance indicators |

Environment

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| Standards | EN 60947-2 IEC 60947-2 NEMA AB1 UL 508 |
| Product certifications | CSA UL |
| IP degree of protection | IP40 conforming to IEC 60529 |
| Pollution degree | 3 conforming to IEC 60947-1 |
| 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 | Compliant - since 0819 - Schneider Electric declaration of conformity |
| Product environmental profile | Available |
| Product end of life instructions | Available |