



Main

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| Range | ComPacT new generation |
| Range of product | ComPacT NSX100...250 new generation |
| Product or component type | Trip unit |
| Trip unit name | MicroLogic 2.2 M |
| Trip unit technology | Electronic |
| Range compatibility | ComPacT new generation NSX250 |
| Device application | Motor |
| Poles description | 3P |
| Protected poles description | 3D |
| 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 | 220 A at 65 °C |
| [Ue] rated operational voltage | 690 V AC 50/60 Hz |
| Network type | AC |
| Network frequency | 50/60 Hz |
| Circuit breaker mounting mode | Fixed |

Complementary

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| Motor tripping class | 20 5 10 |
| Complementary motor protection | Phase unbalance |
| Long-time pick-up adjustment type Ir (thermal protection) | Adjustable 9 settings |
| [Ir] long-time protection pick-up adjustment range | 100...220 A |
| Long-time protection delay adjustment type tr | Fixed |
| [tr] long-time protection delay adjustment range | 120 S at 1.5 x Ir for trip class 5 6.5 S at 6 x Ir for trip class 5 5 S at 7.2 x Ir for trip class 5 240 S at 1.5 x Ir for trip class 10 13.5 S at 6 x Ir for trip class 10 10 S at 7.2 x Ir for trip class 10 480 S at 1.5 x Ir for trip class 20 26 S at 6 x Ir for trip class 20 20 s at 7.2 x Ir for trip class 20 |
| Thermal memory | 20 minutes before and after tripping |
| Short-time protection pick-up adjustment type Isd | Adjustable 9 settings |
| [Isd] Short-time protection pick-up adjustment range | 5...13 x Ir |
| Short-time protection delay adjustment type tsd | Fixed |
| Instantaneous protection pick-up adjustment type Ii | Fixed |
| [Ii] instantaneous protection pick-up adjustment range | 3300 A |

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| Earth-leakage protection | Without |
| Zone selective interlocking ZSI | Without |
| Local signalling | Flashing LED (green) for ready to operate LED 95 % lth (red) for temperature over set point |

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 | -50...85 °C |

Packing Units

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| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 6.5 cm |
| Package 1 Width | 9.5 cm |
| Package 1 Length | 11.2 cm |
| Package 1 Weight | 436.0 g |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 24 |
| Package 2 Height | 30.0 cm |
| Package 2 Width | 30.0 cm |
| Package 2 Length | 40.0 cm |
| Package 2 Weight | 10.928 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 |
| Environmental Disclosure |  Product Environmental Profile |
| Circularity Profile |  End Of Life Information |