

Product data sheet

Specifications



Trip unit MicroLogic 2.2 M for ComPacT NSX 100/160/250 circuit breakers, electronic, rating 100A, 3 poles 3d

C1032M100

Main

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|--------------------------------|--|
| Range | ComPacT new generation |
| Range of product | ComPacT NSX100...250 new generation |
| Product or component type | Control unit |
| Trip unit name | Micrologic 2.2 M |
| Trip unit technology | Electronic |
| Range compatibility | ComPacT new generation NSX100 ComPacT new generation NSX160 ComPacT new generation NSX250 |
| Device application | Motor |
| Poles description | 3P |
| Protected poles description | 3t |
| 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 | 100 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 10 5 |
| 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 | 50...100 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

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| 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 |
| [Tsd] Short-time protection delay adjustment range | 0.01 s |
| Instantaneous protection pick-up adjustment type li | Fixed |
| [li] instantaneous protection pick-up adjustment range | 1500 A |
| 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 UL 508 |
| Product certifications | EAC CCC Marine |
| Pollution degree | 3 conforming to IEC 60947-1 |
| 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 Weight | 434.0 g |
| Package 1 Height | 6.6 cm |
| Package 1 width | 9.8 cm |
| Package 1 Length | 11.2 cm |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 24 |
| Package 2 Weight | 10.866 kg |
| Package 2 Height | 30 cm |
| Package 2 width | 30 cm |
| Package 2 Length | 40 cm |

Offer Sustainability

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|--------------------------|-----------------------------------|
| REACH Regulation | REACH Declaration |
| 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 |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov |
