Product datasheet

Specifications





trip unit MicroLogic 2.2 M for ComPact NSX 250 circuit breakers. electronic. rating 220 A. 3 poles 3d

LV431520



! Discontinued on: 02 Jan 2024

Price: 7,218.88 ZAR

Main

| Range | ComPact |
|--------------------------------|--|
| Range Of Product | ComPact NSX100250 |
| Product Or Component Type | Trip unit |
| Trip Unit Name | MicroLogic 2.2 M |
| Trip Unit Technology | Electronic |
| Range Compatibility | ComPact NSX250 |
| Device Application | Motor |
| Number Of Poles | 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 Rated Current | 220 A at 65 °C |
| [Ue] Rated Operational Voltage | 690 V AC 50/60 Hz |
| Network Type | AC |
| Network Frequency | 50/60 Hz |

Complementary

| 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 | 100220 A |
| Long-Time Protection Delay Adjustment Type Tr | Fixed |

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"



| [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 | 513 x lr |
| Short-Time Protection Delay Adjustment Type Tsd | Fixed |
| [Tsd] Short-Time Protection Delay Adjustment Range | 0.01 s |
| Instantaneous Protection Pick-Up Adjustment Type Ii | Fixed |
| [li] Instantaneous Protection Pick- Up Adjustment Range | 3300 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

| Standards | EN/IEC 60947-2 UL 508 |
|---------------------------------------|--------------------------|
| Product Certifications | CCC EAC Marine |
| Ambient Air Temperature For Operation | -2570 °C |
| Ambient Air Temperature For Storage | -5085 °C |

Packing Units

| r adming dimes | |
|------------------------------|---------|
| 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 | 11.0 cm |
| Package 1 Weight | 440.0 g |
| Unit Type Of Package 2 | S03 |
| Number Of Units In Package 2 | 28 |
| Package 2 Height | 30.0 cm |
| Package 2 Width | 30.0 cm |
| Package 2 Length | 40.0 cm |
| Package 2 Weight | 12.7 kg |

Contractual warranty

Warranty 18 months



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Transparency RoHS/REACh

Well-being performance



Mercury Free



Rohs Exemption Information

Yes

Certifications & Standards

| Reach Regulation | REACh Declaration |
|--------------------------|---|
| Eu Rohs Directive | Compliant with Exemptions |
| China Rohs Regulation | China RoHS declaration Product out of China RoHS scope. Substance declaration for your information |
| Environmental Disclosure | Product Environmental Profile |
| Weee | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| Circularity Profile | End of Life Information |