

Product datasheet

Specifications



trip unit MicroLogic 2.3 for ComPact NSX 630 circuit breakers. electronic. rating 630A. 4 poles 4d

LV432084

⚠ Discontinued on: 02 Jan 2024

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Price: 9,077.48 ZAR

Main

Range	ComPact
Range Of Product	ComPact NSX400...630
Product Or Component Type	Trip unit
Trip Unit Name	MicroLogic 2.3
Trip Unit Technology	Electronic
Range Compatibility	ComPact NSX630
Device Application	Distribution
Number Of Poles	4P
Protected Poles Description	3t + N/2 3t 4t
Neutral Position	Left
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	630 A at 40 °C
[Ue] Rated Operational Voltage	690 V AC 50/60 Hz
Network Type	AC
Network Frequency	50/60 Hz

Complementary

Long-Time Pick-Up Adjustment Type Ir (Thermal Protection)	Adjustable 9 settings
[Ir] Long-Time Protection Pick-Up Adjustment Range	250...630 A
Long-Time Protection Delay Adjustment Type Tr	Fixed
[Tr] Long-Time Protection Delay Adjustment Range	11 s at 7.2 x Ir 16 s at 6 x Ir 400 s at 1.5 x Ir
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	1.5...10 x Ir
Short-Time Protection Delay Adjustment Type Tsd	Fixed

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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

[Tsd] Short-Time Protection Delay Adjustment Range	0.02 s
Instantaneous Protection Pick-Up Adjustment Type II	Fixed
[Ii] Instantaneous Protection Pick-Up Adjustment Range	6900 A
Earth-Leakage Protection	Without
Neutral Protection Settings	0.5 x Ir (3t + N/2) 1 x Ir (4t) No protection (3t)
Zone Selective Interlocking Zsi	Without
Local Signalling	Flashing LED (green) for ready to operate LED 105 % Ir (red) for overload LED 90 % Ir (orange) for overload

Environment

Standards	EN/IEC 60947-2 UL 508
Product Certifications	Marine CCC EAC
Ambient Air Temperature For Operation	-25...70 °C
Ambient Air Temperature For Storage	-50...85 °C

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	13.500 cm
Package 1 Width	17.600 cm
Package 1 Length	21.500 cm
Package 1 Weight	1.788 kg
Unit Type Of Package 2	S04
Number Of Units In Package 2	10
Package 2 Height	30.000 cm
Package 2 Width	40.000 cm
Package 2 Length	60.000 cm
Package 2 Weight	18.646 kg
Unit Type Of Package 3	P06
Number Of Units In Package 3	40
Package 3 Height	77.000 cm
Package 3 Width	80.000 cm
Package 3 Length	60.000 cm
Package 3 Weight	83.404 kg

Contractual warranty

Warranty	18 months
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Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)

Well-being performance

 Mercury Free	
 Rohs Exemption Information	Yes
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
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins