

Product datasheet

Specifications



trip unit MicroLogic 5.3 E for
ComPact NSX 630 circuit breakers.
electronic. rating 630A. 4 poles 4d

LV432099

⚠ Discontinued on: 02 Jan 2024

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Price: 11,982.27 ZAR

Main

Range	ComPact
Range Of Product	ComPact NSX400...630
Product Or Component Type	Trip unit
Trip Unit Name	MicroLogic 5.3 E
Trip Unit Technology	Electronic
Range Compatibility	ComPact NSX630
Device Application	Distribution
Number Of Poles	4P
Protected Poles Description	3t + N/2 4t 3t 3t + OSN
Neutral Position	Left
Trip Unit Protection Functions	LSI
Protection Type	L : for overload protection (long time) S : for short time short-circuit protection 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	Adjustable
[Tr] Long-Time Protection Delay Adjustment Range	15...400 s at 1.5 x Ir 0.35...11 s at 7.2 x Ir 0.5...16 s at 6 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	Adjustable

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

[Tsd] Short-Time Protection Delay Adjustment Range	0...0.4 s I ² t=off 0.1...0.4 s I ² t=on
Instantaneous Protection Pick-Up Adjustment Type II	Adjustable
[Ii] Instantaneous Protection Pick-Up Adjustment Range	1.5...11 x I _n
Earth-Leakage Protection	Without
Neutral Protection Settings	0.5 x I _r (3t + N/2) 1 x I _r (4t) 1.6 x I _r (3t + OSN) No protection (3t)
Zone Selective Interlocking Zsi	With
Local Signalling	Flashing LED (green) for ready to operate LED 105 % I _r (red) for overload LED 90 % I _r (orange) for overload
Display Type	LCD display
Type Of Measurement	Energy meter
Communication Of Data	Time-stamped histories and event tables Power quality Demand current and power Maintenance indicators Protection and alarm settings Maximeters/minimeters Energy metering Instantaneous and demand values
Electrical Data Recording	Maintenance indicators

Environment

Standards	UL 508 EN/IEC 60947-2
Product Certifications	EAC Marine CCC
Ambient Air Temperature For Operation	-25...70 °C
Ambient Air Temperature For Storage	-40...85 °C

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	13.7 cm
Package 1 Width	17.6 cm
Package 1 Length	21.5 cm
Package 1 Weight	1.82 kg
Unit Type Of Package 2	S04
Number Of Units In Package 2	6
Package 2 Height	30.0 cm
Package 2 Width	40.0 cm
Package 2 Length	60.0 cm
Package 2 Weight	11.52 kg

Contractual warranty

Warranty

18 months

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