

Product datasheet

Specifications



trip unit MicroLogic 5.2 A for ComPact NSX 100/160/250 circuit breakers. electronic. rating 100A. 3 poles 3d

LV429090

! Discontinued

! Discontinued on: 14 Oct 2021

! End-of-service on: 31 Dec 2021

Price: 3,042.68 ZAR

Main

Range	ComPact
Range Of Product	ComPact NSX100...250
Product Or Component Type	Trip unit
Trip Unit Name	MicroLogic 5.2 A
Trip Unit Technology	Electronic
Range Compatibility	ComPact NSX100 ComPact NSX160 ComPact NSX250
Device Application	Distribution
Number Of Poles	3P
Protected Poles Description	3t
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	100 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	40...100 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

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

Short-Time Protection Delay Adjustment Type Tsd	Adjustable
[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...15 x I _n
Earth-Leakage Protection	Without
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	Ammeter
Communication Of Data	Energy metering Maximeters/minimeters Protection and alarm settings Maintenance indicators Instantaneous and demand values Demand current and power Power quality Time-stamped histories and event tables
Electrical Data Recording	Maintenance indicators

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	-40...85 °C

Contractual warranty

Warranty	18 months
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Sustainability

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

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



RoHS/REACH

Well-being performance



Mercury Free



Rohs Exemption Information

Yes

Certifications & Standards

Eu Rohs Directive	Compliant
	EU RoHS Declaration
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