

Product datasheet

Specifications



trip unit MicroLogic 6.2 E-M for ComPact NSX 100/160/250 circuit breakers. electronic. rating 50 A. 3 poles 3d

LV429182

⚠ Discontinued

⚠ Discontinued on: 02 Jan 2024

Price: 5,809.76 ZAR

Main

Range	ComPact
Range Of Product	ComPact NSX100...250
Product Or Component Type	Trip unit
Trip Unit Name	MicroLogic 6.2 E-M
Trip Unit Technology	Electronic
Range Compatibility	ComPact NSX100 ComPact NSX160 ComPact NSX250
Device Application	Motor
Number Of Poles	3P
Protected Poles Description	3t
Trip Unit Protection Functions	LSIG
Protection Type	L : for overload protection (long time) S : for short time short-circuit protection I : for instantaneous short-circuit protection G : for ground fault protection
Trip Unit Rated Current	50 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	30 5 20 10
Complementary Motor Protection	Protracted starting time Underload Current unbalance Stalled rotor
Long-Time Pick-Up Adjustment Type Ir (Thermal Protection)	Adjustable 9 settings
[Ir] Long-Time Protection Pick-Up Adjustment Range	25...50 A
Long-Time Protection Delay Adjustment Type Tr	Adjustable

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 20 720 s at 1.5 x Ir for trip class 30 38 s at 6 x Ir for trip class 30 30 s at 7.2 x Ir for trip class 30
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 Ii	Fixed
[Ii] Instantaneous Protection Pick-Up Adjustment Range	750 A
Ground-Fault Protection Pick-Up Adjustment Type Ig	Adjustable
[Ig] Ground-Fault Protection Pick-Up Adjustment Range	0.2...1 x In for In > 50 A 0.3...1 x In for In = 50 A 0.6...1 x In for In = 25 A Ig enable on/off
Ground-Fault Protection Time Delay Adjustment Type Tg	Adjustable
[Tg] Ground-Fault Protection Time Delay Adjustment Range	0...0.4 s
Earth-Leakage Protection	Without
Zone Selective Interlocking Zsi	With
Local Signalling	Flashing LED (green) for ready to operate LED 95 % Ith (red) for temperature over set point
Display Type	LCD display
Type Of Measurement	Energy meter
Electrical Data Recording	Maintenance indicators

Environment

Standards	UL 508 EN/IEC 60947-2
Product Certifications	EAC CCC Marine
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	9.5 cm
Package 1 Width	11.0 cm

Package 1 Length	15.0 cm
Package 1 Weight	547.0 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	11
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	6.504 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
