

# Product datasheet

Specifications



trip unit MicroLogic 2.2 M for ComPact NSX 160/250 circuit breakers. electronic. rating 150 A. 3 poles 3d

LV430520

! Discontinued

! Discontinued on: 26 Mar 2024

**Price: 4,240.57 ZAR**

## Main

Range	ComPact
Range Of Product	ComPact NSX100...250
Product Or Component Type	Trip unit
Trip Unit Name	MicroLogic 2.2 M
Trip Unit Technology	Electronic
Range Compatibility	ComPact NSX160 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	150 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	10 5 20
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	70...150 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"

<b>[Tr] Long-Time Protection Delay Adjustment Range</b>	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
<b>Thermal Memory</b>	20 minutes before and after tripping
<b>Short-Time Protection Pick-Up Adjustment Type Isd</b>	Adjustable 9 settings
<b>[Isd] Short-Time Protection Pick-Up Adjustment Range</b>	5...13 x Ir
<b>Short-Time Protection Delay Adjustment Type Tsd</b>	Fixed
<b>[Tsd] Short-Time Protection Delay Adjustment Range</b>	0.01 s
<b>Instantaneous Protection Pick-Up Adjustment Type Ii</b>	Fixed
<b>[Ii] Instantaneous Protection Pick-Up Adjustment Range</b>	2250 A
<b>Earth-Leakage Protection</b>	Without
<b>Zone Selective Interlocking Zsi</b>	Without
<b>Local Signalling</b>	Flashing LED (green) for ready to operate LED 95 % lth (red) for temperature over set point

## Environment

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

## Packing Units

<b>Unit Type Of Package 1</b>	PCE
<b>Number Of Units In Package 1</b>	1
<b>Package 1 Height</b>	6.4 cm
<b>Package 1 Width</b>	9.7 cm
<b>Package 1 Length</b>	11.1 cm
<b>Package 1 Weight</b>	440.0 g
<b>Unit Type Of Package 2</b>	S03
<b>Number Of Units In Package 2</b>	28
<b>Package 2 Height</b>	30.0 cm
<b>Package 2 Width</b>	30.0 cm
<b>Package 2 Length</b>	40.0 cm
<b>Package 2 Weight</b>	12.7 kg

## Contractual warranty

<b>Warranty</b>	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-CO<sub>2</sub> 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 >](#)



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](#)