

# Product datasheet

Specifications



trip unit MicroLogic 2.2 M for ComPacT NSX 100/160/250 circuit breakers. electronic. rating 100 A. 3 poles 3d

C1032M100

## Main

Range	ComPacT new generation
Range Of Product	ComPacT NSX100...250 new generation
Product Or Component Type	Trip unit
Trip Unit Name	MicroLogic 2.2 M
Trip Unit Technology	Electronic
Range Compatibility	ComPacT new generation NSX100 ComPacT new generation NSX160 ComPacT new generation NSX250
Device Application	Motor
Poles Description	3P
Protected Poles Description	3D
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 Rating	100 A at 65 °C
[Ue] Rated Operational Voltage	690 V AC 50/60 Hz
Network Type	AC
Network Frequency	50/60 Hz
Circuit Breaker Mounting Mode	Fixed

## Complementary

Motor Tripping Class	20 10 5
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	50...100 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>Instantaneous Protection Pick-Up Adjustment Type Ii</b>	Fixed
<b>[Ii] Instantaneous Protection Pick-Up Adjustment Range</b>	1500 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 % Ith (red) for temperature over set point

## Environment

<b>Standards</b>	EN/IEC 60947-2
<b>Electrical Shock Protection Class</b>	Class II
<b>Pollution Degree</b>	3 conforming to IEC 60947-1
<b>Ip Degree Of Protection</b>	IP40 conforming to IEC 60529
<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>	6.6 cm
<b>Package 1 Width</b>	9.8 cm
<b>Package 1 Length</b>	11.2 cm
<b>Package 1 Weight</b>	434.0 g
<b>Unit Type Of Package 2</b>	S03
<b>Number Of Units In Package 2</b>	24
<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>	10.866 kg

## 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](#)

Circularity Profile [End of Life Information](#)