

# Product datasheet

Specifications



## Shunt trip release MX, ComPacT NSX, 220/240VAC 50/60Hz, 208/277VAC 60Hz, screwless spring terminal connections

LV429387

### Main

Range	ComPacT
Range of product	ComPact NSX100...250 ComPact NSX100...250 ComPact NSX400...630 ComPact NSX400...630 ComPact NSX100...250 DC ComPact NSX100...250 DC ComPact NSX100...250 DC PV ComPact NSX100...250 DC PV ComPact NSX400...630 DC ComPact NSX400...630 DC ComPact NSX400...630 DC PV ComPact NSX400...630 DC PV
Device short name	MX
Product or component type	Voltage release
Device application	Control
Voltage release type	Opening coil Shunt trip release
[Uc] control circuit voltage	220...240 V AC 50/60 Hz 208...277 V AC 60 Hz
Range compatibility	ComPact ComPact NSX ComPact ComPact NSX DC ComPact ComPact NSX ComPact ComPact NSX DC EasyPact EasyPact CVS PowerPact PowerPact Multistandard

### Complementary

Operating threshold	0.7...1.1 x Un opening
Response time	50 ms
Control signal type	Impulse Maintained
Impulse duration	>= 20 ms
Supply inrush power	10 VA
Auxiliary connection terminal	Spring 0.5...1.5 mm <sup>2</sup> (AWG 20...AWG 16)
Wire stripping length	7 mm

### Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.500 cm

<b>Package 1 Width</b>	4.900 cm
<b>Package 1 Length</b>	6.300 cm
<b>Package 1 Weight</b>	118.000 g
<b>Unit Type of Package 2</b>	BB1
<b>Number of Units in Package 2</b>	10
<b>Package 2 Height</b>	7.400 cm
<b>Package 2 Width</b>	10.600 cm
<b>Package 2 Length</b>	23.800 cm
<b>Package 2 Weight</b>	1.240 kg
<b>Unit Type of Package 3</b>	S03
<b>Number of Units in Package 3</b>	60
<b>Package 3 Height</b>	30.000 cm
<b>Package 3 Width</b>	30.000 cm
<b>Package 3 Length</b>	40.000 cm
<b>Package 3 Weight</b>	7.876 kg

## Contractual warranty

<b>Warranty (in months)</b>	18
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## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



### Environmental footprint

Total lifecycle Carbon footprint	0.7 kg CO2 eq.
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Carbon footprint of the manufacturing phase [A1 to A3]	0.4 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.1 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	0 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.2 kg CO2 eq.

### Use Better



### Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	81ad7b79-ef4f-4746-bccc-1c5b358db33b
EU RoHS Directive	<a href="#">Compliant By Exemption</a>
REACH Regulation	<a href="#">Reference contains Substances of Very High Concern above the threshold</a>
Halogen-free status	Product contains halogen above thresholds
PVC free	Yes
Silicone-free	No

### Use Longer




### Lifetime extension

Repair	No
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### Use Again



### Repack and remanufacture

Recyclability potential, in %	79
End of life manual availability	No need of specific recycling operations
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins



Offer Marketing Illustration

Product benefits / Features

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**ComPacT NSX**  
Technical Benefits

- Nominal current: 16 to 630 A and 9 breaking capacities for the 2 sizes of circuit breakers
- 1, 2, 3, and 4 pole versions available
- Large range of electronic and thermal-magnetic protections
- Plug and ready wiring system and communicating accessories
- Integrated earth leakage protection via MicroLogic Vigi (earth leakage circuit breaker - ELCB)
- Advanced trip unit with integrated power metering: I, U, P, E, THD, f, CosPhi

Offer Marketing Illustration

Product benefits / Features

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## ComPacT NSX Moulded Case Circuit Breaker



### Protection begins with prevention

Designed to prevent an electrical fire through integrated earth leakage protection with preventive maintenance thanks to its Everlink power connections.



### Maximize power availability

By providing corrective, preventive, and predictive maintenance for asset management thanks to our advanced MicroLogic trip units.



### Connectivity

Designed to connect to EcoStruxure Power, an IoT-connected architecture for improving every aspect of your power distribution system.

