

# Product data sheet

Specifications



## trip unit MicroLogic 1.3 M for ComPact NSX 400/630 circuit breakers, electronic, rating 320 A, 4 poles 3d

LV432078

⚠ To be discontinued

⚠ Discontinued on: 30 September 2022

**Important message :** This product has been switched to new ComPact range and is no longer commercialized. It will continue to be available until Q4 2022 only limited to specific projects.

### Main

Range	ComPact
Range of product	ComPact NSX400...630
Product or component type	Trip unit
Trip unit name	Micrologic 1.3 M
Trip unit technology	Electronic
Range compatibility	ComPact NSX400 ComPact NSX630
Device application	Motor
Number of poles	4P
Protected poles description	3t
Neutral position	Left
Trip unit protection functions	I
Protection type	I : for short-circuit protection (magnetic)
Trip unit rated current	320 A at 65 °C
[Ue] rated operational voltage	690 V AC 50/60 Hz
Network type	AC
Network frequency	50/60 Hz

### Complementary

Short-time protection pick-up adjustment type Isd	Adjustable 9 settings
[Isd] Short-time protection pick-up adjustment range	2880 A 3520 A 1600 A 4160 A 3840 A 2240 A 1920 A 2560 A 3200 A
Short-time protection delay adjustment type tsd	Fixed

[Tsd] Short-time protection delay adjustment range	0.01 s
Instantaneous protection pick-up adjustment type li	Fixed
[li] instantaneous protection pick-up adjustment range	4800 A
Earth-leakage protection	Without
Neutral protection settings	No protection
Zone selective interlocking ZSI	Without
Local signalling	Flashing LED (green) for ready to operate

## Environment

Standards	EN/IEC 60947-2 UL 508
Product certifications	CCC EAC 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 Weight	1.818 kg
Package 1 Height	13.5 cm
Package 1 width	17.5 cm
Package 1 Length	21.5 cm
Unit Type of Package 2	S04
Number of Units in Package 2	10
Package 2 Weight	18.946 kg
Package 2 Height	30.0 cm
Package 2 width	40.0 cm
Package 2 Length	60.0 cm

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>
California proposition 65	WARNING: Cancer and Reproductive Harm - <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

# Contractual warranty

Warranty 18 months

## Recommended replacement(s)

LV432078 is replaced by:

1x



Trip unit MicroLogic 1.3M, ComPacT NSX400/630, 4 poles 3D, electronic magnetic protection, motor protection, 320A  
C4041M320