

# Product data sheet

Specifications



trip unit MicroLogic 2.3 for ComPact NSX 400/630 circuit breakers, electronic, rating 400A, 3 poles 3d

LV432081

⚠ To be discontinued on: 30 September 2022

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## Main

Range	ComPact
Range of product	ComPact NSX400...630
Product or component type	Trip unit
Trip unit name	Micrologic 2.3
Trip unit technology	Electronic
Range compatibility	ComPact NSX400 ComPact NSX630
Device application	Distribution
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	400 A at 40 °C
[Ue] rated operational voltage	690 V AC 50/60 Hz
Network type	AC
Network frequency	50/60 Hz

## Complementary

Long-time pick-up adjustment type Ir (thermal protection)	Adjustable 9 settings
[Ir] long-time protection pick-up adjustment range	160...400 A
Long-time protection delay adjustment type tr	Fixed
[Tr] long-time protection delay adjustment range	11 s at 7.2 x Ir 16 s at 6 x Ir 400 s at 1.5 x Ir
Thermal memory	20 minutes before and after tripping
Short-time protection pick-up adjustment type Isd	Adjustable 9 settings

<b>[I<sub>sd</sub>] Short-time protection pick-up adjustment range</b>	1.5...10 x I <sub>r</sub>
<b>Short-time protection delay adjustment type tsd</b>	Fixed
<b>[T<sub>sd</sub>] Short-time protection delay adjustment range</b>	0.02 s
<b>Instantaneous protection pick-up adjustment type li</b>	Fixed
<b>[I<sub>i</sub>] instantaneous protection pick-up adjustment range</b>	4800 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 105 % I <sub>r</sub> (red) for overload LED 90 % I <sub>r</sub> (orange) for overload

## Environment

<b>Standards</b>	EN/IEC 60947-2 UL 508
<b>Product certifications</b>	CCC Marine EAC
<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 Weight</b>	1.401 kg
<b>Package 1 Height</b>	13.5 cm
<b>Package 1 width</b>	17.5 cm
<b>Package 1 Length</b>	22.0 cm
<b>Unit Type of Package 2</b>	S04
<b>Number of Units in Package 2</b>	10
<b>Package 2 Weight</b>	15.008 kg
<b>Package 2 Height</b>	30.0 cm
<b>Package 2 width</b>	40.0 cm
<b>Package 2 Length</b>	60.0 cm
<b>Unit Type of Package 3</b>	P06
<b>Number of Units in Package 3</b>	40
<b>Package 3 Weight</b>	67.604 kg
<b>Package 3 Height</b>	80.0 cm
<b>Package 3 width</b>	80.0 cm
<b>Package 3 Length</b>	60.0 cm

## Offer Sustainability

<b>Sustainable offer status</b>	Green Premium product
<b>REACH Regulation</b>	<a href="#">REACH Declaration</a>

<b>EU RoHS Directive</b>	Compliant <a href="#">EU RoHS Declaration</a>
<b>Mercury free</b>	Yes
<b>RoHS exemption information</b>	<a href="#">Yes</a>
<b>China RoHS Regulation</b>	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
<b>Environmental Disclosure</b>	<a href="#">Product Environmental Profile</a>
<b>Circularity Profile</b>	<a href="#">End of Life Information</a>
<b>WEEE</b>	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
<b>California proposition 65</b>	WARNING: Cancer and Reproductive Harm - <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

## Contractual warranty

<b>Warranty</b>	18 months
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## Recommended replacement(s)

LV432081 is replaced by:

1x



Trip unit MicroLogic 2.3, ComPacT NSX400/630, 3 poles, electronic basic protections, 400A rating  
C4032D400