

# Product datasheet

Specifications



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

C1632M150

## Main

Range	ComPacT new generation
Range of product	ComPacT NSX100...250 new generation
Product or component type	Control unit
Trip unit name	Micrologic 2.2 M
Trip unit technology	Electronic
Range compatibility	ComPacT new generation NSX160 ComPacT new generation NSX250
Device application	Motor
Poles description	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 rating	150 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	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
[Tr] long-time protection delay adjustment range	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 li</b>	Fixed
<b>[li] 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>Pollution degree</b>	3 conforming to IEC 60947-1
<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>	434.0 g
<b>Package 1 Height</b>	6.5 cm
<b>Package 1 width</b>	9.8 cm
<b>Package 1 Length</b>	11.3 cm
<b>Unit Type of Package 2</b>	S03
<b>Number of Units in Package 2</b>	24
<b>Package 2 Weight</b>	10.879 kg
<b>Package 2 Height</b>	30 cm
<b>Package 2 width</b>	30 cm
<b>Package 2 Length</b>	40 cm

## Offer Sustainability

<b>REACH Regulation</b>	<a href="#">REACH Declaration</a>
<b>EU RoHS Directive</b>	Compliant <a href="#">EU RoHS Declaration</a>

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<b>Mercury free</b>	Yes
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<b>RoHS exemption information</b>	Yes
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<b>China RoHS Regulation</b>	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
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### **Contractual warranty**

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<b>Warranty</b>	18 months
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