

# Product datasheet

Specifications



trip unit MicroLogic 6.3 E for  
ComPacT NSX 400/630 circuit  
breakers, electronic, rating 400A, 3  
poles 3d

C4036E400

## Main

Range	ComPacT new generation
Range of product	ComPacT NSX400...630 new generation
Product or component type	Control unit
Trip unit name	Micrologic 6.3 E
Trip unit technology	Electronic
Range compatibility	ComPacT new generation NSX400 ComPacT new generation NSX630
Device application	Distribution Generator
Poles description	3P
Protected poles description	3t
Trip unit protection functions	LSIG
Protection type	L : for overload protection (long time) S : for short time short-circuit protection I : for instantaneous short-circuit protection G : for ground fault protection
Trip unit rating	400 A at 40 °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

Long-time pick-up adjustment type I <sub>r</sub> (thermal protection)	Adjustable
[I <sub>r</sub> ] long-time protection pick-up adjustment range	160...400 A
Long-time protection delay adjustment type t <sub>r</sub>	Adjustable
[T <sub>r</sub> ] long-time protection delay adjustment range	15...400 s at 1.5 x I <sub>r</sub> 0.35...11 s at 7.2 x I <sub>r</sub> 0.5...16 s at 6 x I <sub>r</sub>
Thermal memory	20 minutes before and after tripping
Short-time protection pick-up adjustment type I <sub>sd</sub>	Adjustable

<b>[Isd] Short-time protection pick-up adjustment range</b>	1.5...10 x Ir
<b>Short-time protection delay adjustment type tsd</b>	Adjustable
<b>[Tsd] Short-time protection delay adjustment range</b>	0...0.4 s I <sup>2</sup> t=off 0.1...0.4 s I <sup>2</sup> t=on
<b>Instantaneous protection pick-up adjustment type li</b>	Adjustable
<b>[li] instantaneous protection pick-up adjustment range</b>	1.5...11 x In Compact NSX630 1.5...12 x In Compact NSX400
<b>Ground-fault protection pick-up adjustment type lg</b>	Adjustable
<b>[lg] ground-fault protection pick-up adjustment range</b>	0.2...1 x In
<b>Ground-fault protection time delay adjustment type tg</b>	Adjustable
<b>Earth-leakage protection</b>	Without
<b>Zone selective interlocking ZSI</b>	With
<b>Local signalling</b>	Flashing LED (green) for ready to operate LED 105 % Ir (red) for overload LED 90 % Ir (orange) for overload
<b>Display type</b>	LCD display
<b>Type of measurement</b>	Energy meter
<b>Communication of data</b>	Demand current and power Maintenance indicators Instantaneous and demand values Power quality Energy metering Maximeters/minimeters Time-stamped histories and event tables Protection and alarm settings
<b>Electrical data recording</b>	Maintenance indicators

## Environment

<b>Standards</b>	UL 508 EN/IEC 60947-2
<b>Product certifications</b>	CCC Marine EAC
<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>	-40...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>	1.483 kg
<b>Package 1 Height</b>	13.5 cm
<b>Package 1 width</b>	17.5 cm
<b>Package 1 Length</b>	21.5 cm
<b>Unit Type of Package 2</b>	S03
<b>Number of Units in Package 2</b>	4

Package 2 Weight	6.374 kg
Package 2 Height	30 cm
Package 2 width	30 cm
Package 2 Length	40 cm
Package 3 Height	150 cm

## Offer Sustainability

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

## Contractual warranty

Warranty	18 months
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