



## Main

Range	ComPact
Range of Product	ComPact NSX100...250
Product or Component Type	Trip unit
Trip unit name	MicroLogic 5.2 E
Trip unit technology	Electronic
Range Compatibility	ComPact NSX100 ComPact NSX160 ComPact NSX250
Device Application	Distribution
Number of poles	4P
Protected poles description	3t 4t 3t + OSN 3t + N/2
Neutral position	Left
Trip unit protection functions	LSI
Protection type	L : for overload protection (long time) S : for short time short-circuit protection I : for instantaneous short-circuit protection
Trip unit rated current	40 A 104 °F (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	18...40 A
Long-time protection delay adjustment type tr	Adjustable
[tr] long-time protection delay adjustment range	15...400 S 1.5 x Ir 0.35...11 S 7.2 x Ir 0.5...16 s 6 x Ir
Thermal memory	20 minutes before and after tripping
Short-time protection pick-up adjustment type Isd	Adjustable 9 settings
[Isd] Short-time protection pick-up adjustment range	1.5...10 x Ir
Short-time protection delay adjustment type tsd	Adjustable
[tsd] Short-time protection delay adjustment range	0...0.4 S I <sup>2</sup> t=off 0.1...0.4 s I <sup>2</sup> t=on
Instantaneous protection pick-up adjustment type Ii	Adjustable
[Ii] instantaneous protection pick-up adjustment range	1.5...15 x In
Earth-leakage protection	Without
Neutral protection settings	0.5 x Ir 3t + N/2) 1 x Ir 4t) 1.6 x Ir 3t + OSN) No protection 3t)
Zone selective interlocking ZSI	With

Local signalling	For ready to operate flashing LED (green) For overload LED 105 % Ir (red) For overload LED 90 % Ir (orange)
Display Type	LCD display
Type of measurement	Energy meter
Communication of data	Time-stamped histories and event tables Maximeters/Minimeters Demand current and power Protection and alarm settings Energy metering Power quality Maintenance indicators Instantaneous and demand values
Electrical data recording	Maintenance indicators

## Environment

Standards	EN/IEC 60947-2 UL 508
Product Certifications	EAC CCC Marine
Ambient Air Temperature for Operation	-13...158 °F (-25...70 °C)
Ambient Air Temperature for Storage	-40...185 °F (-40...85 °C)







## Ordering and shipping details

Category	01101-NF..E COMPACT NS IEC CIRCUIT BREAKERS, SWITCHES & MCP'S
Discount Schedule	DE2
GTIN	3606480017018
Returnability	Yes
Country of origin	FR

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.78 in (9.6 cm)
Package 1 Width	4.33 in (11.0 cm)
Package 1 Length	5.91 in (15.0 cm)
Package 1 Weight	23.99 oz (680.0 g)
Unit Type of Package 2	S03
Number of Units in Package 2	11
Package 2 Height	11.81 in (30.0 cm)
Package 2 Width	11.81 in (30.0 cm)
Package 2 Length	15.75 in (40.0 cm)
Package 2 Weight	17.46 lb(US) (7.92 kg)

## Offer Sustainability

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

Contractual warranty

Warranty	18 months
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