

# Product data sheet

## Characteristics

# C6347E570

trip unit MicroLogic 7.3 E for ComPacT NSX  
630 circuit breakers, electronic, rating 570A, 4  
poles 4d



### Main

Range	ComPacT new generation
Range of product	ComPacT NSX400...630 new generation
Product or component type	Trip unit
Trip unit name	Micrologic 7.3 E
Trip unit technology	Electronic
Range compatibility	ComPacT new generation NSX630
Device application	Distribution
Poles description	4P
Protected poles description	3D + N/2 4D 3D + OSN 3D
Neutral position	Left
Trip unit protection functions	LSIR
Protection type	L : for overload protection (long time) S : for short time short-circuit protection I : for instantaneous short-circuit protection R : for earth-leakage protection
Trip unit rating	570 A at 40 °C
[Ue] rated operational voltage	440 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 $Ir$ (thermal protection)	Adjustable 9 settings
[ $Ir$ ] long-time protection pick-up adjustment range	250...570 A
Long-time protection delay adjustment type $tr$	Adjustable
[ $tr$ ] long-time protection delay adjustment range	15...400 S at 1.5 x $Ir$ 0.35...11 S at 7.2 x $Ir$ 0.5...16 s at 6 x $Ir$
Neutral protection settings	0.5 x $Ir$ (3D + N/2) 1 x $Ir$ (4D) 1.6 x $Ir$ (3D + OSN) No protection (3D)
Thermal memory	20 minutes before and after tripping
Short-time protection pick-up adjustment type $Isd$	Adjustable
[ $Isd$ ] 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
Instantaneous protection pick-up adjustment type $li$	Adjustable
[ $li$ ] instantaneous protection pick-up adjustment range	1.5...11 x $In$
Earth-leakage protection	Integrated
Earth-leakage protection class	Class A

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Earth-leakage protection sensitivity adjustment type I <sub>Δn</sub>	Adjustable
[I <sub>Δn</sub> ] earth-leakage protection sensitivity adjustment range	0.3 A 0.5 A 1 A 3 A 5 A 10 A
Earth-leakage protection specific mode	OFF using the I <sub>Δn</sub> rotary switch
Earth-leakage protection time delay adjustment type Δt	Adjustable
[Δt] Earth-leakage protection time delay adjustment range	0 Ms 60 Ms 150 Ms 500 Ms 1 s
Zone selective interlocking ZSI	Without
Local signalling	Flashing LED (green) for ready to operate LED 105 % Ir (red) for overload LED 90 % Ir (orange) for overload
Display type	LCD display
Type of measurement	Energy meter
Communication of data	Protection and alarm settings Energy metering Demand current and power Power quality Earth leakage current Time-stamped histories and event tables Instantaneous and demand values Maximeters/Minimeters Maintenance indicators Test reports

## Environment

Standards	EN/IEC 60947-2
Electrical shock protection class	Class II
Pollution degree	3 conforming to IEC 60947-1
IP degree of protection	IP40 conforming to IEC 60529
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 Height	11.3 cm
Package 1 Width	9.5 cm
Package 1 Length	18.5 cm
Package 1 Weight	2.404 kg
Unit Type of Package 2	P06
Number of Units in Package 2	16
Package 2 Height	105.0 cm
Package 2 Width	60.0 cm
Package 2 Length	80.0 cm
Package 2 Weight	58.44 kg
Unit Type of Package 3	S03
Number of Units in Package 3	2
Package 3 Height	30.0 cm
Package 3 Width	30.0 cm
Package 3 Length	40.0 cm
Package 3 Weight	5.43 kg

## Offer Sustainability

REACH Regulation	<input checked="" type="checkbox"/> <a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <input checked="" type="checkbox"/> <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<input checked="" type="checkbox"/> Yes
China RoHS Regulation	<input checked="" type="checkbox"/> <a href="#">China RoHS Declaration</a>
Halogen content performance	Halogen free plastic parts product

## Contractual warranty

Warranty	18 months
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