

# Product data sheet

## Characteristics

# C6347A570

Trip unit MicroLogic 7.3 E AL 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 AL
Trip unit technology	Electronic
Range compatibility	ComPacT new generation NSX630
Device application	Distribution
Poles description	4P
Protected poles description	3D + N/2 4D 3D
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 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) 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 $I^2t=off$ 0.1...0.4 s $I^2t=on$
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

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Earth-leakage protection sensitivity adjustment type I $\Delta$ n	Adjustable
[I $\Delta$ n] 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 $\Delta$ n rotary switch
Earth-leakage protection time delay adjustment type $\Delta$ t	Adjustable
[ $\Delta$ t] 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	Maximeters/Minimeters Protection and alarm settings Earth leakage current Maintenance indicators Instantaneous and demand values Energy metering Time-stamped histories and event tables Test reports Demand current and power Power quality

## 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	17.000 cm
Package 1 Width	21.000 cm
Package 1 Length	25.000 cm
Package 1 Weight	2.390 kg
Unit Type of Package 2	S03
Number of Units in Package 2	2
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	5.148 kg

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>

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RoHS exemption information	<input checked="" type="checkbox"/> Yes
Environmental Disclosure	<input checked="" type="checkbox"/> Product Environmental Profile
Circularity Profile	<input checked="" type="checkbox"/> End Of Life Information
Halogen content performance	Halogen free plastic parts product

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