

Product datasheet

Specifications



trip unit MicroLogic 6.2 E for
ComPacT NSX 250 circuit breakers,
electronic, rating 250A, 4 poles 4d

C2546E250

EAN Code: 3606482000162

Main

Range	ComPacT new generation
Range of product	ComPacT NSX100...250
Product or component type	Trip unit
Trip unit name	MicroLogic 6.2 E
Trip unit technology	Electronic
Range compatibility	ComPacT NSX250
Device application	Distribution
Poles description	4P
Protected poles description	3D + N/2 4D 3D + OSN 3D
Neutral position	Left
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	250 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 Ir (thermal protection)	Adjustable 9 settings
[Ir] long-time protection pick-up adjustment range	100...250 A
Long-time protection delay adjustment type tr	Adjustable
[tr] long-time protection delay adjustment range	15...400 s at $1.5 \times Ir$ 0.35...11 s at $7.2 \times Ir$ 0.5...16 s at $6 \times Ir$
Neutral protection settings	$0.5 \times Ir$ (3D + N/2) $1 \times Ir$ (4D) $1.6 \times Ir$ (3D + OSN) No protection (3D)
Thermal memory	20 minutes before and after tripping

Short-time protection pick-up adjustment type lsd	Adjustable 9 settings
[lsd] 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 ² t=off 0.1...0.4 s I ² t=on
Instantaneous protection pick-up adjustment type li	Adjustable
[li] instantaneous protection pick-up adjustment range	1.5...12 x In
Ground-fault protection pick-up adjustment type lg	Adjustable
[lg] ground-fault protection pick-up adjustment range	0.4...1 x In for In = 40 A 0.2...1 x In for In > 40 A lg enable on/off
Ground-fault protection time delay adjustment type tg	Adjustable
[tg] ground-fault protection time delay adjustment range	0...0.4 s I ² t=off 0.1...0.4 s I ² t=on
Earth-leakage protection	Without
Zone selective interlocking ZSI	With
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	Energy metering Protection and alarm settings Time-stamped histories and event tables Instantaneous and demand values Maintenance indicators Demand current and power Power quality Maximeters/minimeters
Electrical data recording	Maintenance indicators

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	9.5 cm
Package 1 Width	11.0 cm
Package 1 Length	15.0 cm
Package 1 Weight	660.0 g

Unit Type of Package 2	S03
Number of Units in Package 2	11
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	7.706 kg

Logistical informations

Country of origin FR

Contractual warranty

Warranty 18 months

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint

Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	89
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Environmental Disclosure	Product Environmental Profile
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Use Better

Materials and Substances

Recycled metal content at CR level	0
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EU RoHS Directive	Compliant with Exemptions
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REACH Regulation	REACH Declaration
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Halogen content performance	Product contains halogen above thresholds
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PVC free	Yes
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Silicon free	No
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Use Longer

Lifetime extension

Upgradeability	Yes
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Use Again

Repack and remanufacture

Circularity Profile	End of Life Information
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Take-back	No
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WEEE	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
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