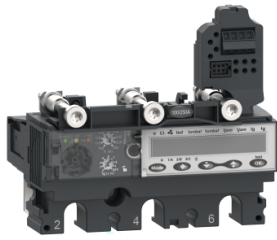


Product datasheet

Specifications



trip unit MicroLogic 6.2 E for ComPacT NSX 160/250 circuit breakers, electronic, rating 160A, 3 poles 3d

C1636E160

EAN Code: 3606481999726

Main

Range	ComPacT
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 NSX160 ComPacT NSX250
Device application	Distribution
Poles description	3P
Protected poles description	3D
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	160 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 _r (thermal protection)	Adjustable 9 settings
[I _r] long-time protection pick-up adjustment range	63...160 A
Long-time protection delay adjustment type t _r	Adjustable
[t _r] long-time protection delay adjustment range	15...400 s at 1.5 x I _r 0.35...11 s at 7.2 x I _r 0.5...16 s at 6 x I _r
Thermal memory	20 minutes before and after tripping
Short-time protection pick-up adjustment type I _{sd}	Adjustable 9 settings
[I _{sd}] Short-time protection pick-up adjustment range	1.5...10 x I _r
Short-time protection delay adjustment type t _{sd}	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...15 x I _n
Ground-fault protection pick-up adjustment type lg	Adjustable
[lg] ground-fault protection pick-up adjustment range	0.4...1 x I _n for I _n = 40 A 0.2...1 x I _n for I _n > 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 % I _r (red) for overload LED 90 % I _r (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	554.0 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
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Package 2 Weight	6.548 kg
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Logistical informations

Country of origin	FR
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Contractual warranty

Warranty	18 months
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Environmental Data

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

Total lifecycle Carbon footprint 36

Environmental Disclosure [Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard Yes

Packaging without single use plastic No

[EU RoHS Directive](#) Compliant with Exemptions

SCIP Number 9cd110c5-7f48-4bb3-91b8-ba77f361496d

REACH Regulation [REACH Declaration](#)

Halogen-free status Product contains halogen above thresholds

PVC free Yes

Silicone-free No

Use Longer

Lifetime extension

Updatability Yes

Use Again

Repack and remanufacture

Recyclability potential, in % 58

End of life manual availability [End of Life Information](#)

Take-back No

WEEE Label  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins