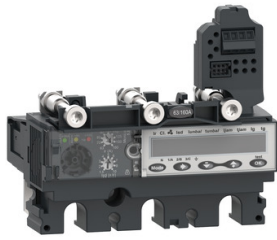


# Product datasheet

Specifications



## Trip unit MicroLogic 5.2E, ComPacT NSX160/250, 3 poles, electronic basic protections, energy meter, 160A rating

C1635E160

### 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 NSX160 ComPacT NSX250
Device application	Distribution
Poles description	3P
Protected poles description	3D
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	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 Ir (thermal protection)	Adjustable 9 settings
[Ir] long-time protection pick-up adjustment range	63...160 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
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

<b>Instantaneous protection pick-up adjustment type li</b>	Adjustable
<b>[li] instantaneous protection pick-up adjustment range</b>	1.5...15 x In
<b>Earth-leakage protection</b>	Without
<b>Zone selective interlocking ZSI</b>	With
<b>Local signalling</b>	Flashing LED (green) for ready to operate LED 105 % Ir (red) for overload LED 90 % Ir (orange) for overload
<b>Display type</b>	LCD display
<b>Type of measurement</b>	Energy meter
<b>Communication of data</b>	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
<b>Electrical data recording</b>	Maintenance indicators

## Environment

<b>Standards</b>	EN/IEC 60947-2
<b>Electrical shock protection class</b>	Class II
<b>Pollution degree</b>	3 conforming to IEC 60947-1
<b>IP degree of protection</b>	IP40 conforming to IEC 60529
<b>Ambient air temperature for operation</b>	-25...70 °C
<b>Ambient air temperature for storage</b>	-40...85 °C

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	9.500 cm
<b>Package 1 Width</b>	11.000 cm
<b>Package 1 Length</b>	15.200 cm
<b>Package 1 Weight</b>	550.600 g
<b>Unit Type of Package 2</b>	S03
<b>Number of Units in Package 2</b>	11
<b>Package 2 Height</b>	30.000 cm
<b>Package 2 Width</b>	30.000 cm
<b>Package 2 Length</b>	40.000 cm
<b>Package 2 Weight</b>	6.457 kg



## 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

Carbon footprint (kg.eq.CO2 per CR, Total Life cycle) **36**

Environmental Disclosure [Product Environmental Profile](#)

## Use Better

### Materials and Substances

Recycled metal content at CR level **0**

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 content performance **Product contains halogen above thresholds**

PVC free **Yes**

Silicon free **No**

## Use Longer

### Lifetime extension

Upgradeability **Yes**

## Use Again

### Repack and remanufacture

Circularity Profile [End of Life Information](#)

Take-back **No**

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