

# Product datasheet

Specifications



## Trip unit, EasyPact NW, TSA2I, Drawout

ENW21412

### Main

Range of product	EasyPact NW
Product or component type	Control unit
Circuit breaker application	Industrial Standard
Poles description	4P 3P
Protected poles description	3D + N/2 3D 4D
Neutral position	Left
Network type	AC
Trip unit name	Trip System 2.0A
Trip unit technology	Micro-processor based
Trip unit rating	800...4000 A

### Complementary

Network frequency	50/60 Hz
Mounting mode	Drawout
[Ue] rated operational voltage	690 V AC 50/60 Hz conforming to IEC 60947-2
Neutral protection setting	Without protection (3D) 0.5 x Ir (3D + N/2) 1 x Ir (4D)
Trip unit protection functions	LI
Protection type	Instantaneous short-circuit protection Overload protection (long time)
Fault indication	Overload Internal fault Earth fault Short-circuit
Long time pick-up adjustment type Ir	Adjustable 9 settings
Long time pick-up adjustment range	0.4...1 x In
Long time delay adjustment type	Adjustable 9 settings
[tr] long-time delay adjustment range	0.5...24 s (6 x Ir), accuracy: 0...- 20 %
Thermal memory	20 minutes before and after tripping
Instantaneous pick-up adjustment type Ii	Adjustable 9 settings
Instantaneous pick-up adjustment range	1.5...10 x Ir, accuracy: +/- 10 %

Excluding VAT, FCA Jabal Ali & amp; are subject to change – check with your local distributor.

<b>Zone selective interlocking ZSI</b>	With
<b>Display type</b>	Digital display
<b>Type of measurement</b>	Instantaneous current (I1, I2, I3, In), range: 0.2...1.2 In, accuracy: +/- 1.5 % Maximum current (I1, I2, I3, In), range: 0.2...1.2 In, accuracy: +/- 1.5 %
<b>Height</b>	200 mm
<b>Width</b>	55 mm
<b>Depth</b>	75 mm
<b>Product weight</b>	0.213 kg

## Environment

<b>Ambient air temperature for operation</b>	-5...70 °C
<b>Ambient air temperature for storage</b>	-25...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>	30 cm
<b>Package 1 Width</b>	20 cm
<b>Package 1 Length</b>	10 cm
<b>Package 1 Weight</b>	3 kg

## Contractual warranty

<b>Warranty (in months)</b>	18
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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	39 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	1 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.3 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	36 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.5 kg CO2 eq.
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

## Use Better



### Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No, we have minimized the use of plastic in the packaging in compliance with regulations and considering quality and safety standards
SCIP Number	3f2d539a-6ab5-46aa-8603-9354f4ae3294
EU RoHS Directive	<a href="#">Compliant By Exemption</a>
REACH Regulation	<a href="#">Reference contains Substances of Very High Concern above the threshold</a>

## Use Longer



### Lifetime extension

Repair	No
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## Use Again



### Repack and remanufacture

Recyclability potential, in %	68
End of life manual availability	<a href="#">End of Life Information</a>
Take-back	No

Offer Marketing Illustration

Product benefits / Features

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EasyPact NW



The central image shows a Schneider EasyPact NW circuit breaker unit, a compact, black metal enclosure with a green status bar on top. It is surrounded by six feature callouts:

- NFC connectivity**: Represented by a smartphone icon with a signal wave, indicating wireless communication capabilities.
- Colour-coded health status bar**: Accompanied by a hand icon, describing the visual monitoring system for proactive actions.
- Simpler commissioning**: Shown with a checkmark icon, highlighting the ease of setup through EPIC and mobile EPD.
- Innovative front-end retrofit capability**: Marked with a circular arrow icon, stating that upgrades can be completed in just 5 minutes without a shutdown.
- Detailed event logs**: Indicated by a calendar icon, providing easy access to trip event records for rapid fault diagnosis.
- Compact frame**: Represented by a bolt icon, noting the high breaking capacity of up to 66 kA achieved in a smaller footprint.