

Product datasheet

Specifications



Trip unit, EasyPact NW, Trip System 6.0S, fixed

ENW12701

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 4D 3D
Neutral position	Left
Network type	AC
Trip unit name	Trip System 6.0s
Trip unit technology	Micro-processor based
Trip unit rating	630...6300 A

Complementary

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

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

Short-time pick-up adjustment type Isd	Adjustable 10 settings
[Isd] short-time pick-up adjustment range	1.5...10 x Ir
Short-time delay adjustment type	Adjustable 11 settings
[tsd] short-time delay adjustment range	100...600 ms
Instantaneous pick-up adjustment type li	Adjustable 10 settings
Instantaneous pick-up adjustment range	2...15 x In, accuracy: +/- 10 % Off
Ground-fault time delay adjustment type -tg	Adjustable 14 settings
Ground-fault pick-up adjustment type	Adjustable 10 settings
[tg] ground-fault time delay adjustment range	100...1000 ms
[Ig] ground-fault pick-up adjustment range	0.2...1 x In (In < 3200 A), accuracy: +/- 10 % 500...1 x In (In > 400 A), accuracy: +/- 10 %
Height	200 mm
Width	58 mm
Depth	77 mm
Product weight	0.213 kg
Status LED	With green, red and orange health status bar With green ready
With LED indication	True
control button type	I button
Battery type	Lithium non-rechargeable
Communication port protocol	NFC network: wireless interface: peer to peer USB network: Type-C interface: peer to peer
Data recording	Alarm logs Event logs Trip logs

Environment

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	7.7 cm
Package 1 Width	5.8 cm
Package 1 Length	20 cm
Package 1 Weight	210 g

Contractual warranty

Warranty (in months)	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]	2 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.4 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]	0.6 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
SCIP Number	3f2d539a-6ab5-46aa-8603-9354f4ae3294
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	68
End of life manual availability	End of Life Information
Take-back	No

Offer Marketing Illustration

Product benefits / Features

EasyPact NW



The central image shows a Schneider EasyPact NW circuit breaker unit, a large industrial electrical component with a green top section and a black main body, mounted on a metal frame.

- NFC connectivity**
Icon: NFC symbol. Description: Enables easy monitoring and allows for proactive actions.
- Colour-coded health status bar**
Icon: Health status bar. Description: Offers easy monitoring and allows for proactive actions.
- Simpler commissioning**
Icon: Checkmark. Description: Achieve quick and simple commissioning through EPC and mobile EPD.
- Innovative front-end retrofit capability**
Icon: Eye with arrow. Description: Enables upgrades in just 5 minutes, eliminating the need for shutdown.
- Detailed event logs**
Icon: Calendar. Description: Facilitates rapid fault diagnosis with easy access to detailed trip event records.
- Compact frame**
Icon: Compact frame symbol. Description: Optimizes switchboard footprints with a compact frame size, offering a higher breaking capacity of up to 66 kA.