

Product datasheet

Specifications



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

ENW12702

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 | Drawout for frame 1 |
| [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 |
|----------------------|----|



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 |
|--------|----|

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 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, noting 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, emphasizing the high breaking capacity (up to 66 kA) achieved in a smaller footprint.