

Product datasheet

Specifications



switch disconnecter, EasyPact NW, 1600A, N, 3 Poles, fixed

ENW24176

Main

Range of product	EasyPact NW
Range	EasyPact
Device short name	ENW16N
Product or component type	Switch disconnecter
Device application	Distribution
Poles description	3P
Network type	AC
Breaking capacity code	NA
Suitability for isolation	Yes conforming to IEC 60947-3
Utilisation category	AC-23A

Complementary

Network frequency	50/60 Hz
Control type	Push-button
Mounting mode	Fixed
Mounting support	Base plate
Connection position	Horizontal Vertical
Location of connection	Rear
[I _e] rated operational current	AC-23A: 1600 A AC 50/60 Hz 690 V
Rated duty	Continuous
[U _i] rated insulation voltage	1000 V AC 50/60 Hz conforming to IEC 60947-3
[U _{imp}] rated impulse withstand voltage	12 kV conforming to IEC 60947-3
[I _{cw}] rated short-time withstand current	50 kA during 1 s conforming to IEC 60947-3 at -5...70 °C 25 kA during 3 s conforming to IEC 60947-3 at -5...70 °C
[I _{cm}] rated short-circuit making capacity	105 kA AC at 50/60 Hz
[U _e] rated operational voltage	690 V AC 50/60 Hz conforming to IEC 60947-3
Contact position indicator	Yes
Mechanical durability	20000 cycles with maintenance conforming to IEC 60947-3 10000 cycles without maintenance conforming to IEC 60947-3
Electrical durability	AC-23A: 6000 cycles 440 V AC 50/60 Hz without maintenance conforming to IEC 60947-3 AC-23A: 4000 cycles 690 V AC 50/60 Hz without maintenance conforming to IEC 60947-3

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

Connection pitch	115 mm without spreader
Height	352 mm
Width	422 mm
Depth	297 mm
Product weight	40 kg

Environment

Standards	IEC 60947-3
Product certifications	GOST IEC CCC CCS
IP degree of protection	IP40
Pollution degree	4 conforming to IEC 60664-1
Ambient air temperature for operation	-5...70 °C
Ambient air temperature for storage	-40...85 °C without control unit

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	35.2 cm
Package 1 Width	42.2 cm
Package 1 Length	29.7 cm
Package 1 Weight	40 kg

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	4 160 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	311 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	77 kg CO2 eq.
Carbon footprint of the installation phase [A5]	3 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	3 647 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	122 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

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	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 switchgear unit, a compact metal cabinet with a door, housing internal electrical components. It is surrounded by six feature callouts in rounded rectangular boxes, each with a green icon and a title.

- NFC connectivity** (NFC icon): A box with a smartphone icon and signal waves.
- Colour-coded health status bar** (Health bar icon): A box with a bar chart icon.
- Simpler commissioning** (Checkmark icon): A box with a checkmark icon.
- Innovative front-end retrofit capability** (Eye icon): A box with an eye icon.
- Detailed event logs** (Calendar icon): A box with a calendar icon.
- Compact frame** (Lightning bolt icon): A box with a lightning bolt icon.

NFC connectivity



Colour-coded health status bar



Simpler commissioning



Innovative front-end retrofit capability

Enables upgrades in just 5 minutes, eliminating the need for shutdown.

Detailed event logs

Facilitates rapid fault diagnosis with easy access to detailed trip event records.

Compact frame

Optimizes switchboard footprints with a compact frame size, offering a higher breaking capacity of up to 66 kA.

Technical Illustration

Assembly's dimensions

