

Product datasheet

Specifications



"Floor standing modular electrical enclosure, PanelSeT SFN, decarbonized steel, mounting plate, 1800x800x500mm, IP55"

NSYSFN18850P

EAN Code: 3606486102831

Main

Range	PanelSeT
Extended range	PanelSeT SFN
Application	Multi-purpose
Product or component type	Suitable enclosure
Enclosure nominal height	1800 mm
Enclosure nominal width	800 mm
Enclosure nominal depth	500 mm
Enclosure mounting	Floor-standing
Device composition	2 sliding rails 4 mounting plate quick-fixing brackets 1 structure 1 door 1 locking system with handle: door 1 rear panel 1 roof 1 mounting plate

Complementary

Structure type	Perforated structure with a pitch of 25 mm Panels and doors built into the structure Vertical uprights joined with top and bottom frames Formed from a single section
Door opening side	Reversible (120 °)
Door type	Plain front
Mounting plate description	Plain
Type of gland plate	Without gland plate
Lock type	4 points lock, handle with 5 mm double bar insert front door
Number of doors	Front: 1 door(s)
Accessibility for operation	Front Rear Sides of enclosure
Removable parts	Door by screws hinge Mounting plate by screws mounting plate bracket Rear panel by screws Roof by screws Mounting plate bracket by screws Sliding rail by screws

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Material	Frame: galvanised steel Uprights: galvanised steel Door: sheet steel Panels: sheet steel Hinge: zamak Handle: polyamide 6 with 30 % fibre glass
Surface finish	Epoxy-polyester powder
Colour	Enclosure: grey (RAL 7035) Handle: black (RAL 9005)
Product weight	102.8 kg

Environment

Standards	IEC 62208 UL CUL
NEMA degree of protection	NEMA 3R/12
IP degree of protection	IP55 conforming to IEC 60529
IK degree of protection	IK10 conforming to IEC 62262

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	193.000 cm
Package 1 Width	85.000 cm
Package 1 Length	59.000 cm
Package 1 Weight	115.500 kg

Logistical informations

Country of origin	FR
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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	612 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	297 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	22 kg CO2 eq.
Carbon footprint of the installation phase [A5]	31 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	0 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	262 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

Average percentage of recycled metal content	45 %
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	695ecfbd-bb51-4da6-80d3-6b38e7bcfee6
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 %	97
End of life manual availability	End of Life Information
Take-back	No

Technical Illustration

Dimensions



Offer Marketing Illustration

Product benefits / Features



The infographic features a central image of a grey metal cabinet. Surrounding it are six circular icons, each with a corresponding text description of a product benefit:

- Sturdy component protection**: Represented by an icon of a cabinet door.
- Decarbonized steel & sustainable packaging**: Represented by an icon of a recycling symbol.
- Large choice of dimensions, models & accessories**: Represented by an icon of interlocking gears.
- Quality & aesthetics**: Represented by an icon of a star.
- Easy to equip / Easy to maintain**: Represented by an icon of a screwdriver.
- Available in kit, mounted or customized**: Represented by an icon of a pencil.

Technical illustration

Product Installation



Technical illustration

Product Installation



Technical illustration

Product Installation



Technical illustration

Product Installation



Technical illustration

Product Installation



Technical illustration

Product Installation

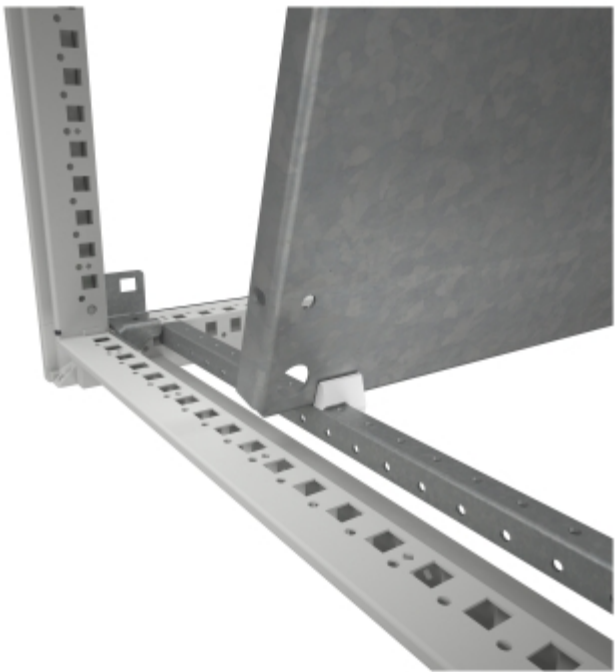


Image of product / Alternate images

Alternative









Offer Marketing Illustration

Packaging

