

# Product data sheet

Specifications



Floor standing modular electrical enclosure, PanelSeT SFN, decarbonized steel, mounting plate, 1600x800x600mm, IP55

NSYSFN16860P

Product availability: Non-Stock - Not normally stocked in distribution facility

## Main

|                           |                                                                                                                                                                       |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range                     | PanelSeT                                                                                                                                                              |
| Extended range            | PanelSeT SFN                                                                                                                                                          |
| Application               | Multi-purpose                                                                                                                                                         |
| Product or Component Type | Suitable enclosure                                                                                                                                                    |
| Enclosure nominal height  | 63.0 in (1600 mm)                                                                                                                                                     |
| Enclosure nominal width   | 31.5 in (800 mm)                                                                                                                                                      |
| Enclosure nominal depth   | 23.6 in (600 mm)                                                                                                                                                      |
| Enclosure mounting        | Floor-standing                                                                                                                                                        |
| Device composition        | 2 sliding rails<br>4 mounting plate quick-fixing brackets<br>1 structure<br>1 door<br>1 locking system with handle door<br>1 rear panel<br>1 roof<br>1 mounting plate |

## Complementary

|                             |                                                                                                                                                                                 |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Structure type              | Perforated structure with a pitch of 25 mm<br>Vertical uprights joined with top and bottom frames<br>Panels and doors built into the structure<br>Formed from a single section  |
| Door opening side           | Reversible 120 °)                                                                                                                                                               |
| Door type                   | Solid 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                                                                                                                                                                         |
| Accessibility for operation | Sides of enclosure<br>Rear<br>Front                                                                                                                                             |
| Removable parts             | Door by screws hinge<br>Mounting plate by screws mounting plate bracket<br>Rear panel by screws<br>Roof by screws<br>Mounting plate bracket by screws<br>Sliding rail by screws |

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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<br>Uprights galvanised steel<br>Door sheet steel<br>Panels sheet steel<br>Hinge zamak<br>Handle polyamide 6 with 30 % fibre glass |
| Surface finish | epoxy-polyester powder                                                                                                                                   |
| color          | Enclosure Gray RAL 7035)<br>Handle Black RAL 9005)                                                                                                       |
| Product Weight | 209.4 lb(US) (95.0 kg)                                                                                                                                   |

## Environment

|                           |                        |
|---------------------------|------------------------|
| Standards                 | IEC 62208<br>UL<br>CUL |
| NEMA Degree of Protection | NEMA 3R/12             |
| IP degree of protection   | IP55 IEC 60529         |
| IK degree of protection   | IK10 IEC 62262         |

## Ordering and shipping details

|                   |               |
|-------------------|---------------|
| Category          | US10ES180035  |
| Discount Schedule | 0ES1          |
| GTIN              | 3606486102640 |
| Returnability     | No            |
| Country of origin | ES            |

## Packing Units

|                        |                             |
|------------------------|-----------------------------|
| Unit Type of Package 1 | PCE                         |
| Nbr. of units in pkg.  | 1                           |
| Package 1 Height       | 68.110 in (173.000 cm)      |
| Package 1 Width        | 33.465 in (85.000 cm)       |
| Package 1 Length       | 27.165 in (69.000 cm)       |
| Package weight(Lbs)    | 238.540 lb(US) (108.200 kg) |

## 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                       | 573 kg CO2 eq.                                |
| Carbon footprint of the manufacturing phase [A1 to A3] | 278 kg CO2 eq.                                |
| Carbon footprint of the distribution phase [A4]        | 21 kg CO2 eq.                                 |
| Carbon footprint of the installation phase [A5]        | 29 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]   | 245 kg CO2 eq.                                |
| Environmental Disclosure                               | <a href="#">Product Environmental Profile</a> |

## 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                            | <a href="#">Compliant By Exemption</a>                                                                                                                                                                                                                                   |
| REACH Regulation                             | <a href="#">Reference contains Substances of Very High Concern above the threshold</a>                                                                                                                                                                                   |
| California proposition 65                    | WARNING: This product can expose you to chemicals including: Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |

## Use Longer



### Lifetime extension

|        |    |
|--------|----|
| Repair | No |
|--------|----|

## Use Again



### Repack and remanufacture

|                               |                                         |
|-------------------------------|-----------------------------------------|
| Recyclability potential, in % | 97                                      |
| Circularity Profile           | <a href="#">End of Life Information</a> |
| Take-back                     | No                                      |

Technical Illustration

Dimensions

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Offer Marketing Illustration

Product benefits / Features



Sturdy  
component  
protection



Decarbonized  
steel &  
sustainable  
packaging



Large choice  
of dimensions,  
models &  
accessories



Quality &  
aesthetics



Easy to equip  
Easy to maintain



Available in  
kit, mounted  
or customized



Technical illustration

Product Installation

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Technical illustration

Product Installation

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Technical illustration

Product Installation

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Technical illustration

## Product Installation

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Technical illustration

Product Installation

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Technical illustration

Product Installation

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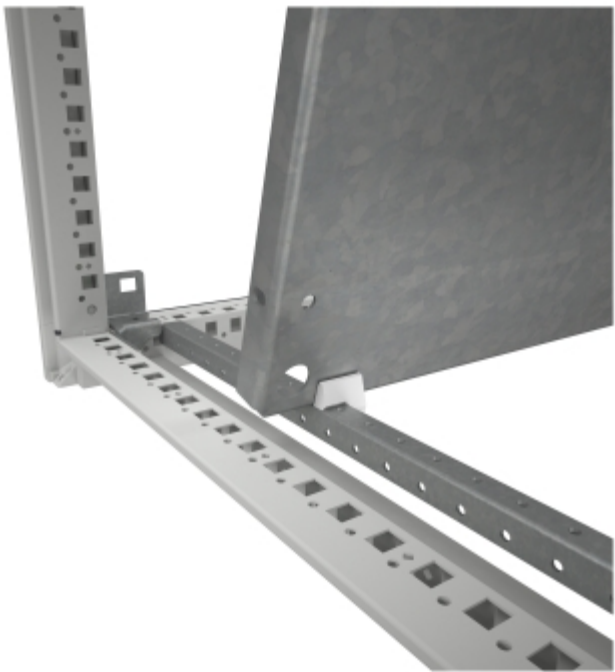
Image of product / Alternate images

Alternative

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Offer Marketing Illustration

Packaging

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