

Product datasheet

Specifications



"Floor standing modular electrical enclosure, PanelSeT SFN, decarbonized steel, plate, 1800x1200x400mm, 2 doors, IP55"

NSYSFN1812402DP

EAN Code: 3606486103012

Main

Range	PanelSeT
Extended range	PanelSeT SFN
Application	Multi-purpose
Product or component type	Suitable enclosure
Enclosure nominal height	1800 mm
Enclosure nominal width	1200 mm
Enclosure nominal depth	400 mm
Enclosure mounting	Floor-standing
Device composition	2 sliding rails 4 mounting plate quick-fixing brackets 1 structure: right door 1 rear panel 1 roof 1 mounting plate 2 door 1 locking system with handle 1 locking bar system 4 points: right door 1 locking bar system 2 points: left door

Complementary

Structure type	Vertical uprights joined with top and bottom frames Formed from a single section Perforated structure with a pitch of 25 mm Panels and doors built into the structure
Door opening side	Left (120 °) Right (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 right door
Number of doors	Front face: 2 door(s)
Accessibility for operation	Sides of enclosure Front Rear
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	143.8 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	125.000 cm
Package 1 Length	49.000 cm
Package 1 Weight	156.800 kg
Unit Type of Package 2	PAL
Number of Units in Package 2	2
Package 2 Height	193.000 cm
Package 2 Width	125.000 cm
Package 2 Length	98.000 cm
Package 2 Weight	313.600 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	830 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	403 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	30 kg CO2 eq.
Carbon footprint of the installation phase [A5]	42 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]	355 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
PVC free	Yes
Silicone-free	Yes

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



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



Technical illustration

Product Installation



Technical illustration

Product Installation



Technical illustration

Product Installation



Technical illustration

Product Installation



Technical illustration

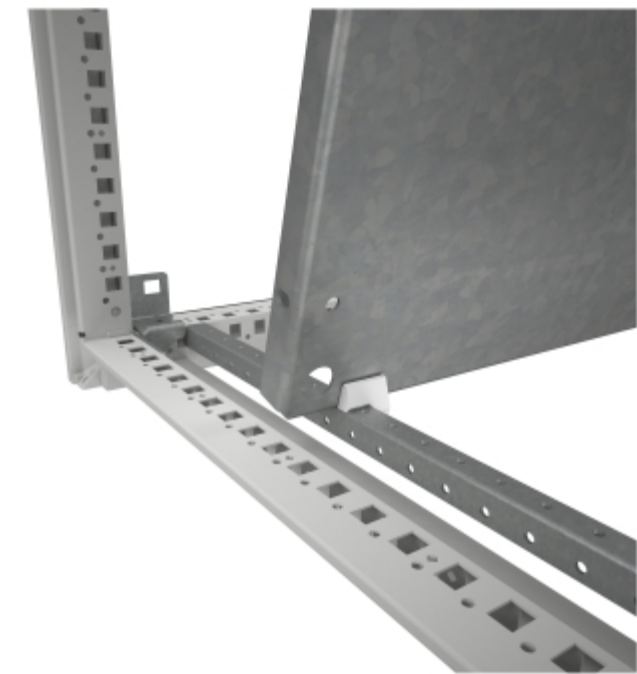
Product Installation



Image of product / Alternate images

Alternative







Offer Marketing Illustration

Packaging



Offer Marketing Illustration

Packaging



Offer Marketing Illustration

Packaging

