Product datasheet

Specifications



Outdoor floor standing modular electrical enclosure, PanelSeT SFN, decarbonized steel, 1800X800X400mm, IP55, RAL7035

NSYSFNHD18840

EAN Code: 3606486921005

Main

Range	PanelSeT
Product	PanelSeT SFN
Specific application	Outdoor
Certification	Bureau Veritas conforming to IEC 61969-3 2011 UL conforming to UL 508 A 2007 Bureau Veritas conforming to IEC 61439-5 2010 DEKRA conforming to IEC 62208 2011 Bureau Veritas conforming to ISO 12944 2007
Device application	Multi-purpose
Product or component type	Suitable enclosure
Enclosure height with canopy	1886 mm
Canopy height	85 mm
Enclosure nominal width	800 mm
Enclosure depth with canopy	453 mm
Enclosure depth	400 mm
Installation accessory type	Floor-standing
Available functions with accessories	Floor management Suitable for electronic 19" rack Roof management Coupling
Device composition	sliding rails 2 mounting plate mounting plate bracket 4 structure 1 locking system with handle and padlock 1 canopy 1 roof 1 door 1 Aluminium cable gland plate 1

Complementary

Structure type	Perforated structure with a pitch of 25 mm Vertical uprights screwed with top and bottom frames Formed from a single section Panels and doors built into the structure
Door type	Plain
Number of doors	1 door(s)
Door opening side	Reversible (120 °)
Lock type	4 points lock, handle with 1242E key lock and padlock front door
Mounting plate description	Without mounting plate

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

Cable gland plate type	Plain aluminium
Accessibility for operation	Front Rear Top Bottom Sides of enclosure
Maximum lifting load	1500 kg 1360 kg
Removable parts	Mounting plate bracket by screws Sliding rail by screws Rear panel by screws external part Roof by screws Canopy by screws and claws Door by removable axis hinge Cable gland plate fixing nut
Material	Frame: steel with anti-corrosive coating Hinge: steel with anti-corrosive coating
Surface finished painted	On enclosure: polyester powder
Colour	Enclosure: grey (RAL 7035) Handle: grey (RAL 7035)
Specific order possible for special colour	Yes

Environment

Standards	IEC 61969-3 UL 508 A IEC 62208 IEC 61439-5 UL CUL
IP degree of protection	IP55 conforming to IEC 60529
IK degree of protection	IK10 conforming to IEC 62262
Climatic withstand	C4H conforming to ISO 12944 720 h salt mist
Ambient air temperature for operation	-45…80 °C conforming to IEC 61969-3 class 1
corrosion withstand	90…100 % conforming to ISO 12944 C4H
Environmental withstand	Solar radiation: class 1 up to 1120 W/m² conforming to IEC 61969-3:2011 Surrounding air withstand: class 1 up to 180 km/h conforming to IEC 61969-3:2011 Ultraviolet degradation test: class 1 conforming to ISO 4892-2:2013 Formation of ice and frost: class 1 conforming to IEC 61969-3:2011 Fauna and flora withstand: class 1 conforming to IEC 61969-3:2011 : class 1 conforming to IEC 61969-3:2011
Thermal management	Fan: 1500 W for a maximum noise level of 60 dB With external cooling 4000 W Natural: 2097 W at -25 °C Natural: 917 W at 20 °C Natural: 917 W at 40 °C According to cooling architecture 1500 W

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	203.000 cm
Package 1 Width	85.000 cm
Package 1 Length	49.000 cm
Package 1 Weight	97.000 kg
Unit Type of Package 2	PAL

Number of Units in Package 2	2
Package 2 Height	203.000 cm
Package 2 Width	85.000 cm
Package 2 Length	98.000 cm
Package 2 Weight	194.000 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	**438 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**213 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**16 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**22 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]	**187 kg CO2 eq.**
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

Packaging made with recycled cardboard	**No**
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**

Use Again

Repack and remanufacture

Recyclability potential, in %	**97**
End of life manual availability	End of Life Information
Take-back	**No**

Image of product in real life situation

