

Product data sheet

Characteristics

NSYSFPN20780EDA

Floor standing modular electrical enclosure,
PrismaSeT HD Active, decarbonized steel,
2000x700x800mm, IP55, RAL9003



Main

Range	PrismaSeT
Extended range	PrismaSeT 6300
Application	Multi-purpose
Product or component type	Suitable enclosure
Enclosure nominal height	2000 mm
Enclosure nominal width	700 mm
Enclosure nominal depth	500 mm
Enclosure mounting	Floor-standing
Product specific application	Installing the Prisma Plus System P
Device composition	2 sliding rails 4 mounting plate fixing brackets 1 structure 1 door 1 locking system with handle: door 1 rear panel 1 roof: panels 4 adaptor upright 1 wireless panel server 1 antenna with 2m cable 1 wiring kit: panels 1 wireless panel server support 2 intermediate upright
Alarm function	Cable overheating Power availability
Communication port protocol	Bluetooth Wireless LoRa
Maximum number of connections	15
Sensor type	Cable overheating sensor Energy sensor
Upstream connectivity	LoRaWAN
Transmission support medium	Radio frequency
Local signalling	3 LEDs
Control type	Push-button
Software designation	EcoStruxure Facility Expert
Commissioning interface	EcoStruxure Power Commission Mobile

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	Reversible (120 °)
Door type	Plain front
Mounting plate description	Without mounting plate
Type of gland plate	Without gland plate
Lock type	4 points lock, handle with 5 mm double bar insert front door

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Number of doors	Front: 1 door(s)
Accessibility for operation	Sides of enclosure Rear Front
Removable parts	Door by screws hinge Rear panel by screws Roof by screws Mounting plate bracket by screws Sliding rail by screws Adaptor upright by screws
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: white (RAL 9003) Handle: black (RAL 9005)
Electrical insulation class	Class II
[Us] rated supply voltage	400 V AC 50/60 Hz + 10 % - 15 % 8 VA
Maximum supply current	10 mA
Overvoltage category	IV
Location of connection	Downstream Upstream with additional protection

Environment

Standards	IEC 62208 IEC 61439-1 IEC 61439-2 IEC 61010 IEC 61326-1 IEC 62974-1 IEC 62443-3-3
IP degree of protection	IP55 conforming to IEC 60529
IK degree of protection	IK10 conforming to IEC 62262
Environmental characteristic	Harsh environment
Pollution degree	3
Ambient air temperature for storage	-40...80 °C
Operating altitude	0...2000 m
Relative humidity	0...95 %

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	215 cm
Package 1 Width	75 cm
Package 1 Length	90 cm
Package 1 Weight	113 kg

Offer Sustainability

REACH Regulation	 REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
China RoHS Regulation	 China RoHS Declaration
RoHS exemption information	 Yes