

VS800 Technological Outdoor Cabinet



Illustrative photo

General Features

- Double-walled cabinet (the walls are made of galvanized sheet steel plates) in standard version includes:
 - Doors (front and back) equipped with a 4-point lock
 - Max 37U high 19" frame for technology emplacement
 - RMKM02 control unit
 - Ventilation system (consisting of a heating circuit and 2 independent ventilation circuits) controlled by the RMKM02 or RMKM01 control unit
- Roof to outdoor environment use and with lifting eyes for easy manipulation
- Holes in the pedestal for attaching the cabinet to a supporting frame

Application

- Emplacement of telecommunication, safety or control technologies in an outdoor environment.

Description

The VS800 ventilated technological cabinet is designed for emplacement of telecommunication, security and control technologies in an outdoor environment.

Technical data

Mechanics	VS800
Dimensions (hwd)	2200 x 714 x 802 mm (including the pedestal)
Pedestal height	200 mm
Weight	150kg
Color	RAL 7035 (epoxy powder-coated)
Thermodynamics properties	VS800
Thermal isolation	30 mm wide crosslinked polyethylene foam
	- thermal resistance ranged between -65°C ÷ +95°C
	- thermal conductivity $\lambda = 0,039 \text{ Wm}^{-1}\text{K}^{-1}$
	- 25 dB noise
	- B3 category flammability (according to DIN 4102)
Doors	VS800
Sealing arrangement	UV resistant EPDM sealing
Safety	4 – point lock controlled by a lockable turning handle
	- door stay in an open position
Environment	VS800
Ambient temperature	-25°C to +50°C
Protection	IP 54
Life Expectancy	15 years
Control and monitoring	VS800
Control unit	RMKM02 or RMKM01
Options	
AC, DC internal electrical connectors according to customer's needs	
Shelves for battery placement	
Cabinet indoor lighting power supplied 48V DC or 230V AC	
Internal cabinet temperature scanning	
Door contacts	
Other accessories according to customer's needs	

Technical data

Ventilation module	M1 (circulation and heating)	M2 (cooling and induction)
Performance parameters	M1 (circulation and heating)	M2 (cooling and induction)
Air-flow rate	400 m ³ /h	300 m ³ /h
Fan power consumption	16,8 W	35 W
Fan input current	0,35 A	0,19 A
Voltage	48V DC	230V AC
Frequency	-	50 Hz
Disponibile hydraulic gradient	46,5 dB(A)	52 dB(A)
Heating	1 x electric spiral – 500 W	-