

IP66 FIBREGLASS ENCLOSURES

PRODUCT TYPE:

Insulating containers for electric equipment

APPLICATIONS:

Outdoor wall installations



DIMENSIONS AND POWER DISSIPATION:

	Product Name	External Dimensions in mm HxLxD	Number of modules/rows	Power dissipation (version with DIN rails + windowed panels)	Power dissipation (version with back plate)
CIECO = (blank) OBLÒ = (windowed)	VTR 01 CIECO	300x265x165	Back plate only	-	34 W
	VTR 01 OBLÒ				
	VTR 02 CIECO	425x325x180	36/3	35 W	61 W
	VTR 02 OBLÒ				
	VTR 03 CIECO	500x430x210	54/3	72 W	111 W
	VTR 03 OBLÒ				
	VTR 04 CIECO	650x430x210	72/4	81 W	122 W
	VTR 04 OBLÒ				
	VTR 05 CIECO	650x540x260	96/4	93 W	132 W
	VTR 05 OBLÒ				
	VTR 06 CIECO	805x615x315	140/5	136 W	215 W
	VTR 06 OBLÒ				
	VTR 07 CIECO	1060x810x335	190/5	232 W	342 W
	VTR 07 OBLÒ				

COLOUR RANGE:

Grey RAL 7035 – Tinted door

MATERIALS:

- **Casing:** Fibreglass (*Halogen Free*)
- **Blank door:** Fibreglass (*Halogen Free*)
- **Windowed door:** Fibreglass + Polycarbonate (*Halogen Free*)

DECLARATION OF CONFORMITY:

All Pedro range products come under the scope of the Low Voltage Directive 2014/35/UE and comply with all relevant essential requirements set in the Directive.

Compliance with the Directive is indicated by the **CE** marking and by all required symbols and markings affixed on the product, its packaging, in the assembly instructions and product catalogue, as well as by full product compliance with applicable standards.



NORMATIVE REFERENCES:

- EN 60670-1: "Boxes and enclosures for electrical accessories for household and similar fixed electrical installations - Part 1: General requirements"
- EN 60670-24: "Boxes and enclosures for electrical accessories for household and similar fixed electrical installations - Part 24: Particular requirements for enclosures for housing protective devices and other power dissipating electrical equipment"
- EN 62208: "Empty enclosures for low-voltage switchgear and controlgear assemblies. General requirements"

Degree of protection provided by Enclosures as per EN 60529 standard "Degrees of protection provided by enclosures (IP Code)": IP66

Resistance to impact as per EN 62262 Standard "Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK Code)": IK10 (20 Joules)

Resistance to hot-wire based test as per EN 60695-2-11 Standard "Fire hazard testing – Part 2-11: Glowing/hot-wire based test methods – Glow-wire flammability test method for end-products":

- passed the 960 °C test

Electric insulation (EN 61439-1) : products feature full insulation components for protection against indirect contact (Class II). However, in order to ensure protection, they must be correctly installed according to the instructions provided by the manufacturer and using the appropriate accessories (e.g. screw caps, clamps).

MINIMUM INSTALLATION AND SERVICE TEMPERATURE:

-25 °C

MAXIMUM SERVICE TEMPERATURE:

+60 °C

ELECTRICAL INSULATING PROPERTIES:

yes (rated voltage up to 1000 V AC)

RESISTANCE TO CHEMICAL AGENTS:

	Saline	Acids		Bases		Solvents				Mineral Oil
		Concentrated	Thinned	Concentrated	Thinned	Hexane	Benzoic acid	Acetone	Ethyl-alcohol	
	Resistant	Resistant in certain conditions	Resistant in certain conditions	Resistant in certain conditions	Resistant in certain conditions	Resistant in certain conditions	Resistant in certain conditions	Resistant	Resistant in certain conditions	Resistant in certain conditions

UV RESISTANCE:

yes



**MAXIMUM ADMISSIBLE
LOAD AS PER EN 62208
STANDARDS:**

	Product Name	Inner door / Door	Back plate	Single DIN rail	Blank door	Maximum load
(in Kg)	VTR 01 CIECO VTR 01 OBLÒ	1,0	5,5	-	-	6,5
CIECO = (blank) OBLÒ = (windowed)	VTR 02 CIECO VTR 02 OBLÒ	1,4	9,0	2,7	1,0	10,0
	VTR 03 CIECO VTR 03 OBLÒ	2,7	15,0	4,0	1,5	18,0
	VTR 04 CIECO VTR 04 OBLÒ	3,6	18,0	4,0	1,5	22,0
	VTR 05 CIECO VTR 05 OBLÒ	4,5	25,0	5,4	2,0	30,0
	VTR 06 CIECO VTR 06 OBLÒ	6,7	36,0	6,3	2,5	43,0
	VTR 07 CIECO VTR 07 OBLÒ	12,0	65,0	10	5,0	77,0

OTHER FEATURES:

- Modular frame with adjustable depth
- DIN rails with adjustable depth
- Removable panels
- Snap on assembly with ¼ turn screws
- High aesthetic design

**MARKINGS
AND CERTIFICATIONS:**



**CONFORMITY WITH
2011/65/CE (ROHS)
DIRECTIVE:**

yes

