

IP65 WALL ENCLOSURES



PRODUCT TYPE:

Insulating containers for electric equipment

APPLICATIONS:

Outdoor wall installations

DIMENSIONS AND POWER DISSIPATION:

Product Name	External Dimensions in mm (LxHxD)	Number of modules/rows	Power dissipation
IP65 04 GRI	143x210x102	4 / 1	13 W
IP65 08 GRI	215x210x105	8 / 1	19 W
IP65 12 GRI	314x263x143	12 / 1	30 W
IP65 18 GRI	426x288x148	18 / 1	37 W
IP65 24 GRI	314x420x143	24 / 2	42 W
IP65 36 GRI	426x470x148	36 / 2	54 W
IP65 54 GRI	426x657x148	54 / 3	72 W
IP65 72 GRI	426x903x168	72 / 4	91 W

COLOUR RANGE:

Grey RAL 7035 – Tinted door

MATERIALS:

- **Casing:** ABS (*Halogen Free*)
- **Door:** Tinted polycarbonate (*Halogen Free*)

TINTED POLYCARBONATE:

All Pablo 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)": IP65

Resistance to impact as per EN 62262 Standard "Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK Code)": IK09 (10 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 650 °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 - 1500V DC)

RESISTANCE TO CHEMICAL AGENTS:

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

UV RESISTANCE:

yes

MAXIMUM ADMISSIBLE LOAD AS PER EN 62208 STANDARDS

	Product Name	DIN Rail	Blank panel	Maximum admissible load
(in Kg)	IP65 04 GRI	0.8	-	0.8
	IP65 08 GRI	1.2	-	1.2
	IP65 12 GRI	1.6	1.0	1.6
	IP65 18 GRI	2.0	1,5	2.0
	IP65 24 GRI	3.2	2.0	3.2
	IP65 36 GRI	4.0	3.0	4.0
	IP65 54 GRI	6.0	4,5	6.0
	IP65 72 GRI	8.0	6.0	8.0



OTHER FEATURES:

- Internal mounting frame is reversible and can be extracted
- Modular DIN rail mounts with adjustable distance and depth
- Removable panels
- Wire-retaining fixings
- Rails for securing terminal-boards
- Hinge with safety unlock
- High aesthetic design
- Reversible door with a full life guarantee

**MARKINGS
AND CERTIFICATIONS:**



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

yes

