

IP40 DESIGN WALL ENCLOSURES



PRODUCT TYPE:

Insulating containers for electric equipment

APPLICATIONS:

Wall mounted

DIMENSIONS AND POWER DISSIPATION:

Product Name	External Dimensions in mm (LxHxD)	Number of modules/rows	Power dissipation
IP40 DSG 08 W	210x200x103	8 / 1	18 W
IP40 DSG 12 W	300x250x113	12 / 1	30 W
IP40 DSG 18 W	408x275x137	18 / 1	41 W
IP40 DSG 24 W	300x400x113	24 / 2	39 W
IP40 DSG 36 W	408x450x137	36 / 2	52 W
IP40 DSG 54 W	408x625x137	54 / 3	62 W

COLOUR RANGE:

WhiteRAL 9001 – Tinted door

MATERIALS:

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

DECLARATION OF CONFORMITY:

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"

Degree of protection provided by Enclosures as per EN 60529 standard "Degrees of protection provided by enclosures (IP Code): IP40

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)

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

OTHER FEATURES:

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

MARKINGS AND CERTIFICATIONS:



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

yes

