

## IP40 WALL ENCLOSURES FOR RECESSED APPLICATIONS



### PRODUCT TYPE:

Insulating containers for electric equipment

### APPLICATIONS:

Wall mounted

### DIMENSIONS AND POWER DISSIPATION:

| Product Name   | External Dimensions<br>in mm (LxHxD) | Number<br>of modules/rows | Power<br>dissipation |
|----------------|--------------------------------------|---------------------------|----------------------|
| IP40 INC 04 WO | 169x180x25                           | 4 / 1                     | 20 W                 |
| IP40 INC 06 WO | 205x180x27                           | 6 / 1                     | 21 W                 |
| IP40 INC 08 WO | 261x225x28                           | 8 / 1                     | 25 W                 |
| IP40 INC 08 NE |                                      |                           |                      |
| IP40 INC 12 WO | 333x275x31                           | 12 / 1                    | 37 W                 |
| IP40 INC 12 NE |                                      |                           |                      |
| IP40 INC 18 WO | 441x300x37                           | 18 / 1                    | 50 W                 |
| IP40 INC 24 WO | 345x425x32                           | 24 / 2                    | 45 W                 |
| IP40 INC 24 NE |                                      |                           |                      |
| IP40 INC 36 WO | 455x475x37                           | 36 / 2                    | 56 W                 |
| IP40 INC 54 WO | 455x650x37                           | 54 / 3                    | 62 W                 |
| IP40 INC 72 WO | 455x850x37                           | 72 / 4                    | 80 W                 |

### COLOUR RANGE:

- White RAL 9016 – Tinted door
- Black Elegance – Tinted door

### MATERIALS:

- **Back panel:** polystyrene (*Halogen Free*)
- **Frame:** 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)": IK08 (5 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:**

-15 °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:**

- Modular DIN rail mounts with adjustable height
- Adjustable cover
- Bottom with predetermined break-lines for insertion of corrugated conduits
- Rails for securing terminal-boards
- High aesthetic design

**MARKINGS AND CERTIFICATIONS:**



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

yes

