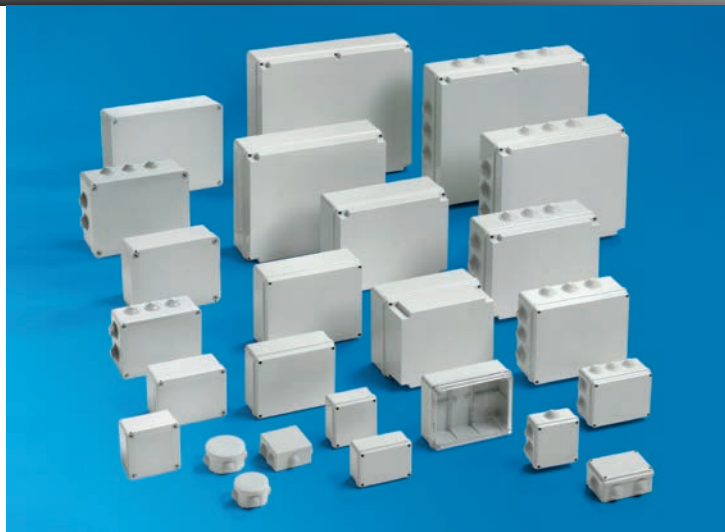




## TECHNICAL INFORMATION SHEET

### IP56 JUNCTION BOXES WITH SMOOTH SIDES ¼ TURN CLOSING SCREWS



#### PRODUCT TYPE:

Wall-mounted junction boxes

#### APPLICATIONS:

Outdoor wall installations

#### DIMENSIONS:

| Product Name   | Dimensions mm<br>(LxHxD) | Lid      |
|----------------|--------------------------|----------|
| IP56 01 GRI    | 100x100x50               | standard |
| IP56 02 GRI    | 120x80x50                | standard |
| IP56 03 GRI    | 150x110x70               | standard |
| IP56 03 TRASP  | 150x110x70               | clear    |
| IP56 04 GRI    | 190x140x70               | standard |
| IP56 04 TRASP  | 190x140x70               | clear    |
| IP56 05 GRI    | 240x190x90               | standard |
| IP56 05 TRASP  | 240x190x90               | clear    |
| IP56 05 CA GRI | 240x190x160              | high     |
| IP56 06 GRI    | 300x220x120              | standard |
| IP56 06 TRASP  | 300x220x120              | clear    |
| IP56 06 CA GRI | 300x220x180              | high     |
| IP56 07 GRI    | 380x300x120              | standard |
| IP56 07 TRASP  | 380x300x120              | clear    |
| IP56 07 CA GRI | 380x300x180              | high     |

#### COLOUR RANGE:

Grey RAL 7035

#### MATERIALS:

- ABS (*Halogen Free*)
- Polycarbonate (*Halogen Free*) only for clear lids

#### DECLARATION OF CONFORMITY:

All Pico 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 60670-22: "Boxes and enclosures for electrical accessories for household and similar fixed electrical installations Part 22: Particular requirements for connecting boxes and enclosures".

**Degree of protection provided by Enclosures** as per EN 60529 standard "Degrees of protection provided by enclosures (IP Code)": IP56

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

- Sizes 01 – 02 – 03 – 04 (all versions): IK07 (2 Joules)
- Sizes 05 – 06 – 07 (all versions): 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:**

-25 °C

**MAXIMUM SERVICE TEMPERATURE:**

+60 °C

**RATED INSULATION VOLTAGE:**

750 V

**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

**OTHER FEATURES:**

- Rails for securing terminal-boards
- Back plate housing (Sizes 04 – 05 – 06 – 07)
- Anti-loss cover system with base installed
- Sealable lid

**MARKINGS AND CERTIFICATIONS:**



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

yes





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