

IP55 JUNCTION BOXES WITH CABLE HOLDER INLETS

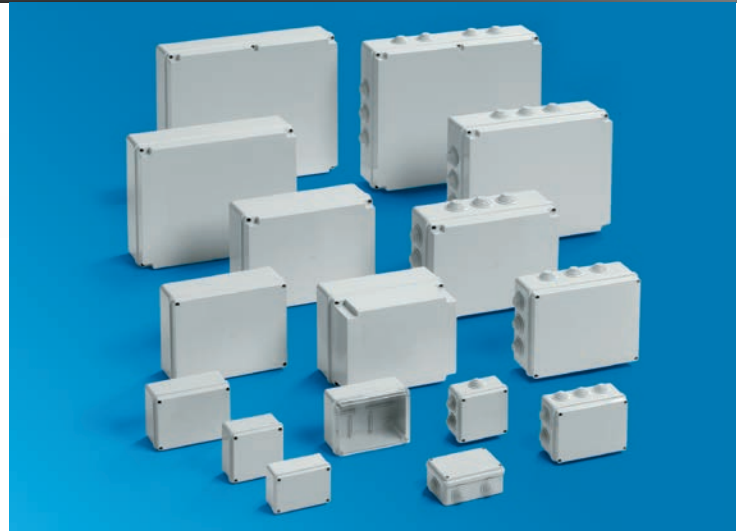
SCREW-ON LID
WITH METAL SCREWS

PRODUCT TYPE:

Wall-mounted junction boxes

APPLICATIONS:

Outdoor wall installations



DIMENSIONS:

Product Name

**Dimensions mm
(LxHxD)**

IP55 01 VM	100x100x50
IP55 02 VM	120x80x50
IP55 03 VM	150x110x70
IP55 04 VM	190x140x70
IP55 05 VM	240x190x90
IP55 06 VM	300x220x120
IP55 07 VM	380x300x120
IP55 08 VM	460x380x120

COLOUR RANGE:

Grey RAL 7035

MATERIAL:

ABS (Halogen Free)

**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)": IP55

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: IK07 (2 Joules)
- Sizes 05 – 06 – 07 – 08: 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 – 08)
- Hinged lid (sizes 04– 05 – 06 – 07 – 08)
- Sealable lid (sizes 04 – 05 – 06 – 07 – 08)

MARKINGS AND CERTIFICATIONS:



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

yes

