elettrocanali
THE ITALIAN EVOLUTION OF ELECTRICITY

TECHNICAL DATA SHEET



EC491C5

JUNCTION BOX IP55 WITH STEPPED GLANDS DIM. 160x115x75 - 1/4 TURN

Enclosures > Wall-mount > Wall-mount junction boxes > Series 49 - 1/4 turn plastic screws - ip55 / ip67 > Wall mount junction boxes > Abs - soft nipples

Technical Symbols/Marks/Approvals

IP55 | IK08 | HF | GWT 650° | CE | RoHS II | MADE IN ITALY

Norms

EN 60670-1 EN 60670-22

Description

Junction box with soft material concentric cable glands. Manufactured in shockproof, UV-resistant, and halogen-free technopolymer (ABS-based). Impact resistance rating IK08. Glow Wire Test (GWT) resistance up to 650°C. Lid secured with 1/4-turn polyamide screws, sealable on two sides. Anti-fall lid anchoring system. High-adhesion soft rubber internal gasket. Double insulation capability via optional plugs. Internal fixing points for DIN rails, terminal blocks, or backplates. Manufactured in compliance with EN 60670-1:2005 and EN 60670-22:2006 standards. Installation temperature range: minimum -5°C, maximum +60°C. Operating temperature range: minimum -25°C, maximum +70°C. Protection degree IP55.
Dimensions: 160x115x75 mm
10 inlets for 25 mm diameter conduits

Etim

GROUP EG000048 - Connection material (electrotechnical)

CLASS EC002600 - Box/housing for surface mounting on the wall/ceiling

Rated insulation voltage Ui	1000 V	**Mounting method**	Wall-/ceiling mounting	**Degree of protection (IP)**	IP55
Material	Plastic	**Halogen free**	No	**Surface protection**	Untreated
Colour	Grey	**Width**	160 mm	**Depth**	75 mm
Model	Junction box	**Length**	115 mm	**Diameter**	0 mm
Working temperature	-25 ÷ 70 °C	**Explosion-tested version**	No	**For Ex-zone gas**	None
For Ex-zone dust	None	**Cover model**	Blind cover	**Circuit integrity**	None
Equipped with	None	**Shape**	Rectangular	**Number of inlets**	10
Inlet from the rear	No	**Transparent cover**	No	**Connectable**	No
For tube diameter	25 mm	**Mounting in the soil**	No	**Mounting under water**	No
Type of housing feed-through	Trimmable step membrane	**Cover attachment**	Other	**Castable**	Yes
Casting compound included	No	**Sealable**	Yes	**With screening**	No
Weatherproof	Yes				

Information, dimensions, diagrams and images are provided for informational purposes only and are current as of the date indicated. These elements may be subject to change at any time.

Documentation available for download



Brochure

Cassette serie 49_IT.pdf

Dimensions and technical drawings

EC491C5_2026.pdf

Barcode

8050507875634

Unit

1 NR

0.2627 [kg]

8050507875931

Cardboard

44 NR

0.605x0.4x0.35 [m]

11.5588 [kg]

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