elettrocanali
THE ITALIAN EVOLUTION OF ELECTRICITY

TECHNICAL DATA SHEET



IMMAGINE RAPPRESENTATIVA — REPRESENTATIVE IMAGE

EC491C8A

SELF-EXTINGUISHING JUNCTION BOX IP55 WITH STEPPED GLANDS DIM. 310x230x125 - 1/4 TURN

Enclosures > Wall-mount > Wall-mount junction boxes > Series 49 - 1/4 turn plastic screws - ip55 / ip67 > Wall mount junction boxes > Abs self-extinguishing v0 - soft nipples

Technical Symbols/Marks/Approvals

IP55 | IK08 | UL94 V0 | GWT 960° | 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 self-extinguishing V0 technopolymer (ABS-based) according to UL94 standards. Impact resistance rating IK08. Glow Wire Test (GWT) resistance up to 960°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: 310x230x125 mm
12 inlets for 32 mm diameter conduits

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.

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**	310 mm	**Depth**	125 mm
Model	Junction box	**Length**	230 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**	12
Inlet from the rear	No	**Transparent cover**	No	**Connectable**	No
For tube diameter	32 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				

Documentation available for download



Brochure

Cassette serie 49_IT.pdf

Dimensions and technical drawings

EC491C8_2026.pdf

Barcode

8050507875795

Unit

1 NR

1.085 [kg]

8050507876099

Cardboard

6 NR

6.51 [kg]

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