elettrocanali
THE ITALIAN EVOLUTION OF ELECTRICITY

TECHNICAL DATA SHEET



EC440C7

SMOOTH SIDED BOX IP56 WITH TRANSPARENT LID DIM. 240X190X160

Enclosures > Wall-mount > Wall-mount junction boxes > Series 440 - smooth sides - high transparent cover lid > Wall mount junction boxes

Technical Symbols/Marks/Approvals

IP56 | IK08 | GWT 650° | HF | CE | RoHS II | MADE IN ITALY

Norms

EN 60670-1 EN 60670-22

Description

Junction box with smooth walls and transparent deep lid. Manufactured in shockproof, UV-resistant, and halogen-free technopolymer (ABS-based). Smoked transparent polycarbonate lid. Impact resistance rating IK08. Glow Wire Test (GWT) resistance up to 650°C. Lid secured with polyamide screws. Screw tightening torque 3.0 Nm. 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 IP56.
Dimensions: 240x190x160 mm

Etim

GROUP EG000048 - Connection material (electrotechnical)

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

Rated insulation voltage Ui	400 V	**Mounting method**	Wall-/ceiling mounting	**Degree of protection (IP)**	IP56
Material	Plastic	**Halogen free**	Yes	**Surface protection**	Untreated
Colour	Grey	**Width**	240 mm	**Depth**	160 mm
Model	Junction box	**Length**	190 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**	0
Inlet from the rear	No	**Transparent cover**	Yes	**Connectable**	No
Mounting in the soil	No	**Mounting under water**	No	**Type of housing feed-through**	None
Cover attachment	Screwed	**Castable**	Yes	**Casting compound included**	No
Sealable	No	**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



Certification

Serie 400 IP56 IMQ_EI884_2018.pdf

Dimensions and technical drawings

EC430C7_2026_1.pdf

Barcode

8032636761637

Unit

1 NR

0.875 [kg]

8059307213851

Cardboard

8 NR

0.605x0.4x0.36 [m]

7 [kg]

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