elettrocanali
THE ITALIAN EVOLUTION OF ELECTRICITY

**TECHNICAL DATA SHEET**



# EC420C6

## SMOOTH SIDED BOX IP56 WITH TRANSPARENT LID DIM. 190X140X70

Enclosures > Wall-mount > Wall-mount junction boxes > Series 420 - smooth sides - transparent cover lid > Wall mount junction boxes

### Technical Symbols/Marks/Approvals

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

### Norms

EN 60670-1 EN 60670-22

## Description

Junction box with smooth walls. 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 stainless steel screws. Screw tightening torque 0.8 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: 150x140x70 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** | 190 mm | **Depth** | 70 mm |
| **Model** | Junction box | **Length** | 140 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 |
| **For tube diameter** | Other | **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

EC410C6_2026.pdf

## Barcode

8032636761538

**Unit**

1 NR

0.375 [kg]

8057711599899

**Cardboard**

24 NR

0.605x0.4x0.35 [m]

9 [kg]



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