elettrocanali
THE ITALIAN EVOLUTION OF ELECTRICITY

TECHNICAL DATA SHEET



EC420C8

SMOOTH SIDED BOX IP56 WITH TRANSPARENT LID DIM. 300X220X120

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 polyamide screws. Screw tightening torque 3.0 Nm. Hinged lid on the long side. 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: 300x220x120 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**	300 mm	**Depth**	120 mm
Model	Junction box	**Length**	220 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

EC410C8_2026.pdf

Barcode

8032636761552

Unit

1 NR

1.0833 [kg]

8059307213783

Cardboard

6 NR

0.605x0.4x0.35 [m]

6.4998 [kg]

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.