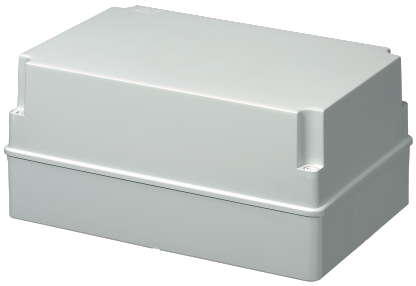
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THE ITALIAN EVOLUTION OF ELECTRICITY

TECHNICAL DATA SHEET



EC490C10

SMOOTH SIDED BOX IP56 POLYCARBONATE DIM. 460x380x180

Enclosures > Wall-mount > Wall-mount junction boxes > Series 490 - pc boxes - smooth sides - high cover lid > Wall mount junction boxes

Technical Symbols/Marks/Approvals

IP56 | IK08 | +120° | HF | GWT 650° | CE | RoHS II | MADE IN ITALY

Norms

EN 60670-1 EN 60670-22

Description

Junction box with smooth walls and deep lid. Manufactured in shockproof, UV-resistant, and halogen-free technopolymer (Polycarbonate-based). 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 +120°C. Protection degree IP56.
Dimensions: 460x380x180 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**	460 mm	**Depth**	180 mm
Model	Junction box	**Length**	380 mm	**Diameter**	0 mm
Working temperature	-25 ÷ 120 °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**	No	**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.

Dimensions and technical drawings

EC410C10_FONDO_2026.pdf

EC430C10_COPERCHIO_2026.pdf

Barcode

8033576778297

Unit

1 NR

2.883 [kg]

8054320286868

Cardboard

3 NR

0.605x0.405x0.55 [m]

8.649 [kg]

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