



# ELECTRICAL MATERIALS

*We are distributors of a wide variety of electrical materials.*



**DERIVATION BOX**
**Description:**

Polymeric box, designed for the derivation of single-phase connections in low voltage electrical installations. Contains insulated bars.

Model	No. Bars	Application (v)	No. Outputs
CAJ-01B	4	380/220	Standard 9 outputs

- They allow the system to be protected against corrosion.
- Eliminates the possibility of hot spots caused by the ingress of humidity.
- Allows a secure connection.
- Prevents electrification of the external part.
- Impact protection degree IK10
- Maximum temperature 120°C

**Content:**

- Polymeric box for pole installation, fastened with band it tape (not included).
- Insulated copper alloy bars with 9 exit points (connections). Bars with or without rubber caps.
- Lock for ALLEN key

**Applications:**

- Use for single-phase connections recommended for areas with moderate corrosion and pollution.
- For single-phase 380/220V circuits

**Technical Data:**
**Features of the box**

- Polypropylene (PP) polymer box, with anti-UV additives.
- The lock is made up of a stainless steel bolt for an allen key and a nut inserted in the base of the box.
- Hinges made of the same material as the box.
- The back of the lid makes it easy to record the connections.

**Features of the conductor bar**

- Copper alloy bar.
- 144 mm<sup>2</sup> bar section
- The insulated busbar has 9 outputs.
- The insulating material of the busbar is rubber.
- Each busbar has an entry point and points
- The busbars are fixed to the boxes using a stainless steel self-tapping screw

**Typical physical and electrical properties**

- Operating temperature not exceeding 90°C
- System frequency: 60Hz/50Hz.
- Square section copper alloy bar.
- Standard feeder cable section 16mm<sup>2</sup> Cu (prepared for other sections upon request).
- Branch cable up to 16mm<sup>2</sup> Cu.
- Bar current capacity 250A.
- Protection degree IP 43



**WALL STAPLES**
**Description:**

For round cables, with steel nail.

**Color:**

White, black, grey


**CONDUCTOR BUNDLE ATTACHMENT COLLARS**

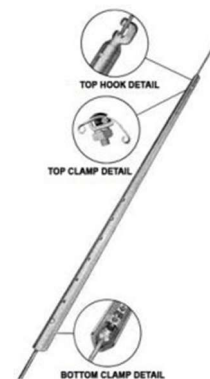
Ideal for laying pre-assembled or concentric overhead lines on facades, they are made up of a support plug made of insulating material, preventing the plug from expanding due to the action of the steel nail. Models are available that are suitable for bundles of conductors up to 25 and 50 mm in diameter, secured using the included plastic straps.

Diameter of the conductor bundle	Seals	Drilling by depth
Up to 25 mm	1	Φ 8 x 38 mm
Up to 2 x 25 mm	2	Φ 8 x 38 mm
Up to 50 mm	1	Φ 12 x 65 mm
Up to 2 x 50 mm	2	Φ 12 x 65 mm


**PVC CABLE GUARD**
**Description:**

These are warning devices that signal the presence of guy wires. They slide over the metal rods or cables used to support and stabilize poles and antennas. These cable guards are brightly colored to clearly indicate the presence of hard-to-see guy wires, reducing the risk of injury. They also act as shock absorbers.

Description	Color	Length		Inside Diameter		Flap		Wall thickness (average)		Std. Pkg.	Qty Box	Approx. weight	
		Feet	m	in	mm	in	mm	in	mm			lbs/ft	kg/m
Big	Yellow	7.0	2.13	2.24	57.00	2.48	63	0.098	2.5	10	150	0.58	0.86
Little	Yellow	6.5	2.00	1.75	44.45	2.36	60	0.083	2.1	10	140	0.43	0.64
Little	Green	7.0	2.13	1.75	44.45	2.36	60	0.083	2.1	10	140	0.43	0.64


**PLUGS**
**Description:**

It refers to the element that provides greater security to a screw in a wall or other structure. Plastic dowel in sizes 3/16, 7/32, 1/4, 5/16 and 3/8

