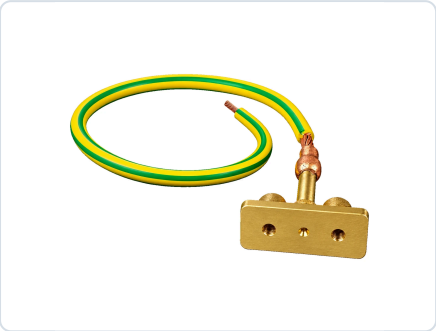
Reinforcing bar bonding plate with conductor for concrete structures

70 × 40 · 2 × M10 · Cu 70 mm² · 1 m



The KALOT Group reinforcing bar bonding plate with conductor is a brass bonding plate with one metre of 70 mm² yellow and green sheathed copper conductor connected to its shank at the factory. The plate stays flush with the face of the concrete column or wall, and the other end of the conductor is clamped to the reinforcing bar inside the concrete, so no welding is needed on site.

- 70 mm² copper conductor, connected at the factory
- No welding on site
- Two M10 threaded holes
- One-piece brass body

Technical specifications

Type	Bonding plate (fixed earthing point) with copper conductor, for concrete structures
Body material	Brass, one-piece
Plate	70 × 40 × 5 mm, with the earth symbol and the KALOT name
Connection hole	2 × M10 (standard thread), 22 mm deep, 40 mm apart
Stem	Ø15 up to 40 mm, then Ø8; overall body length 100 mm
Conductor	Copper, 70 mm², green and yellow PVC sheath, length 1000 mm
Conductor-to-stem connection	At the factory, with a bush on the end of the stem
Connection to reinforcing bar	Bare conductor end to the reinforcing bar with a U clamp
External connection	cable lug or tape with bolt M10
Installation location	Surface of concrete columns, walls, foundations and beams

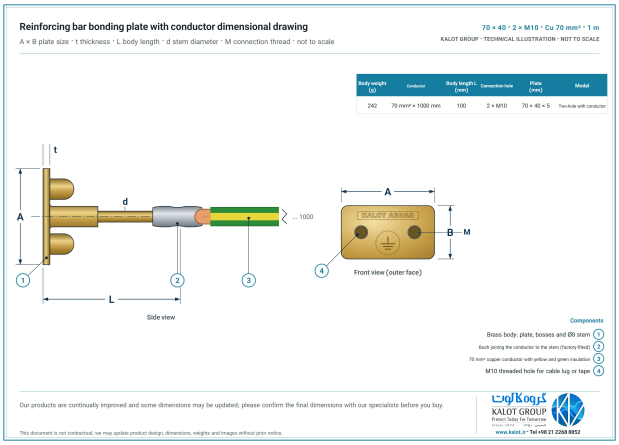
Sizes

Model	Plate (mm)	Connection hole	Body length L (mm)	Conductor	Body weight (g)
Two-hole with conductor	70 × 40 × 5	2 × M10	100	70 mm² × 1000 mm	242

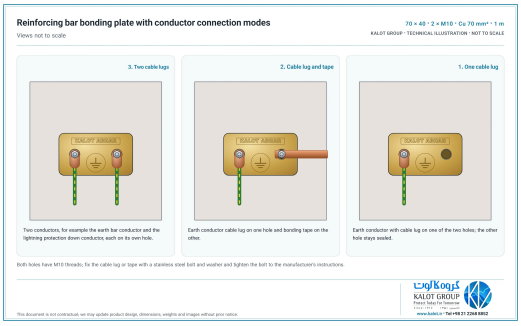
Dimensions in mm; weight of the brass body without conductor in grams. Both holes have an M10 thread about 22 mm deep, 40 mm apart. We keep improving our products and some dimensions may be updated; please confirm final dimensions with our specialists before you buy.

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Dimensional drawing



Connection modes



Installation

1. Strip the sheath from the free end of the conductor to the length of the clamp. 2. Fix the plate to the inside face of the formwork so its face sits tight against it, for example with two M10 bolts passed through holes in the formwork into its threads; these bolts also seal the threads until the pour is finished, so no cement slurry gets in. 3. Run the conductor to the nearest reinforcing bar and fix its bare end with a U clamp for connecting conductor to earth rod and reinforcing bar; choose the clamp to suit the bar diameter, and the concrete cover over the conductor and clamp must be complete. 4. After pouring, undo the bolts holding the plate and strike the formwork; the plate stays flush with the concrete face. 5. Fix the cable lug of the earth conductor or the tape to the plate with an M10 bolt and washer, and tighten the bolt to the manufacturer's instructions. 6. Measure the electrical continuity between the plate and the reinforcement or earth bar with a low-resistance ohmmeter and record it.

Selection and enquiries

For a price on the reinforcing bar bonding plate with conductor, send our specialists the quantity, the type of structure, the distance from the plate to the nearest reinforcing bar and its diameter.

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