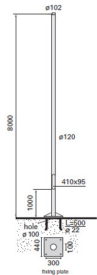


Cylindrical pole

Last information update: February 2024



Accessory code

1523: Pole with base plate L=8000 D=120 mm

Technical description

Cylindrical pole made of 70 micron hot galvanised steel, in compliance with UNI EN ISO 1461 (EN 40-5), subsequently surface treated with textured acrylic powder paint (grey/black). The standard painting cycle refers to the UNI EN ISO 12944 standard with durability class C4-H (suitable for industrial areas and coastal zones with moderate salinity). The UNI EN ISO 12944-1 standard specifies routine maintenance and 6-monthly checks to conserve the product intact. The pole consists of a single welded tube with a cylindrical shank $\varnothing 102\text{mm}$ L=106 mm at the top. It is made of EN10025-S355JR (ex Fe510 UNI7070) steel, with diameter 120 mm, thickness 3 mm and height 8000 mm. The slot for the access cover measures 410x95 mm, at a height of 1000 mm from the ground, suitable for fitting the terminal block with one fuse (code 1862) or two fuses (code 1865/1863). The pole allows installation of Italian/French/Spanish/English terminal blocks (with wooden adapter to be ordered separately) and German/Swiss ones (with DIN rail to be ordered separately). Die-cast aluminium flush access cover. Comes with the relative large triangular key (9 mm key side) for access covers (code 0246). A non-ageing gasket adapts to the uneven pole surface to ensure that it is sealed. The access cover is mounted using a fixing plate, spot welded to the inside of the pole. A metal hook for supporting the terminal block is welded inside the pole. It consists of a metal rod, 4 mm in diameter, bent twice, measuring 40x26 mm. The anchor plate that supports the pole is made of EN 10025-S235JR (ex Fe 360 UNI 7070) 70 micron hot galvanised steel, in accordance with UNI EN ISO 1461 (EN 40-5). It is square, has 4 bevels 40x45°, measures 400x400 mm and is 20 mm thick. The 4 slots measuring 67x30 mm, with centre-to-centre distance 300x300 mm, allow the passage of anchoring bolts. The pole is welded to the plate at the base, and four strengthening fins are welded around it. The steel anchoring bolts are 500 mm long and 24 mm in diameter, and are locked by steel screws.

Installation

The pole is applied by connecting the welded plate to the anchor plate, which is made of EN10130 DC01 (ex Fe P01 UNI 5866) hot galvanised steel, and the anchoring bolts prevent it from moving. The fixing plate and relative anchoring bolts (code 1165) are not included with the pole accessories.

| Colour | Weight (Kg) |
|-----------|-------------|
| Grey (15) | 118 |

Wiring

The electric power cable enters through the slot located 350 mm from the base of the metal cylinder, and measures 150x50 mm. The pole has a hole for securing the earthing lug, designed to accommodate the external earth cable. It is located 70 mm from the ground, is 11 mm in diameter, and is secured using M8x17 mm A2 stainless steel screws.

Complies with EN60598-1 and pertinent regulations

