

September 2012

Pole - Steel pole with buried base L=10000 d=120/194 mm H= 9000 mm**Product code:**

1545

Technical description:

Stepped tapered pole made of hot galvanized steel with 70-micron thickness according to standard EN ISO 1461 (EN 40-5) and treated with textured acrylic powder paint. Galvanisation entails the stirring process in order to prevent zinc salts from accumulating inside. The pole comprises two cylindrical sections and is made of steel EN10025-S355JR (ex Fe510 UNI7070). The first cylinder has a diameter of 194 mm, thickness 3 mm and length 4200 mm, while the second cylinder has a diameter of 121 mm, thickness 4 mm and height 5800 mm. The inspection lid slot is 310x95 mm and is 1000 mm from the ground. It is suitable for the application of a terminal board with two fuses (code 1863). The pole makes it possible to install Italian/French/Spanish/British terminal boards (with wooden adapter to be ordered separately) as well as German/Swiss terminal boards (with DIN guide to be ordered separately). Flush lid made of cast aluminium with the relevant large triangular key (9 mm key side) for the lid (code 0246). The closure is ensured by a non-aging gasket that adapts to the unevenness of the pole surface. The lid is applied by means of an anchor plate fixed inside the pole by spot welding. A metal hook designed to support the terminal board is welded inside the pole. It is made up of a metal ring (diameter 4 mm) bent twice with dimensions 40x26 mm. The pole has 4 through holes with stainless-steel threaded inserts for fixing the tie rod. The top section has a welded galvanised-steel metal plate with three M8 holes at 120° for the flush application of the pole top. A polycarbonate end cap (silicone to be applied by the user) is installed at the top end of the pole. The pole is designed to withstand wind dynamic pressure in compliance with the applicable regulations specified in the Italian Ministerial Decree dated 16/01/96.

Installation:

The base of the pole must be buried 1000 mm into the ground. A corrosion-proof strip can be applied to the pole at the ground level - not included among the pole accessories. Upon request a pole base can be used (code 1843) that is made up of two combinable cast-aluminium pieces with diameter 620 mm and height 184 mm. The element may be customised by casting writings in relief.

Dimension:

D 120/194 mm L 10000 mm

Colour:

Grey (15)

Weight [Kg]:

152

Wiring:

The electrical power-supply cables enter the pole through a slot 500 mm from the base of the metal cylinder. Its dimensions are 150x50 mm. The pole is equipped with an internal earthing connection carried out by means of a cable terminal and tropicalised-steel insert fixed close to the lid by a stainless-steel screw. The maximum section of the earthing cable must be 16 mm².

Complies with EN605981 and pertinent regulations

