

September 2012

**Pole - Steel pole with buried base L=9000 d=102/127 mm H= 8000 mm****Product code:**

1544

**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-S235JR (ex Fe360 UNI7070). The first cylinder has a diameter of 127 mm, thickness 4 mm and length 4000 mm; while the second cylinder has a diameter of 102 mm, thickness 4 mm and height 5000 mm. The inspection lid slot is 186x45 mm and is 1000 mm from the ground. It is suitable for the application of a terminal board with either one fuse (code 1862) or two fuses (code 1865). Protruding lid made of die-cast aluminium alloy UNI EN 1706 AC – 46100 DF with rounded shape and rims - minimum thickness 2.5 mm. The surface is subjected to metal shotblasting treatment. Hemispherical screws with triangular impression and half-round sides in stainless steel AISI 304; and relevant lid key (code 0227). Grey (RAL 7035) thermoplastic bushes are mounted to the area of the screws for protection against oxidation. The closure is ensured by a non-aging EDPM black gasket with rectangular section that adapts to the unevenness of the pole surface. The pole has 4 through holes with stainless-steel threaded inserts for fixing the tie rod. The top section has a welded galvanized-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 1871) that is made up of two combinable cast-aluminium pieces with diameter 420 mm and height 122 mm. The element may be customised by casting writings in relief.

**Dimension:**

D 102/127 mm L 9000 mm

**Colour:**

Grey (15)

**Weight [Kg]:**

102

**Wiring:**

The electrical power-supply cables enter the pole through a slot 750 mm from the base of the metal cylinder. Its dimensions are 62x42 mm. The pole has a hole for fixing the cable terminal suitable to house the external earth cable located 70 mm from the ground. Its diameter is 11 mm and it is fixed by stainless-steel screws A2 M8x17 mm.

Complies with EN605981 and pertinent regulations

