

Cylindrical pole

Last information update: April 2025



Accessory code

1543: Buried cylindrical pole - Total H 8000mm - Above ground H 7000mm - pole diameter Ø102mm

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. 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 galvanizing process includes stirring to prevent internal build up of zinc salts. The pole consists of a single welded tube that has been calendered. It is made of EN10025-S235JR (ex Fe360 UNI7070) steel, 102 mm in diameter, 4 mm thick and 8000 mm high. The slot for the access cover measures 186x45 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). Die-cast aluminium external access cover. It comes with the relative large triangular key (9mm key side) for access covers (code 0227). A non-ageing gasket adapts to the uneven pole surface to ensure that it is sealed. The pole has four through-holes, with stainless steel threaded inserts for securing the tie rod. A galvanized steel plate is welded at the top, with three M8 holes at 120° for fastening the flush pole-top. A polycarbonate closing cap is installed at the top of the pole (silicone sealed by the user). The pole is suitable for withstanding the dynamic thrust of the wind, in conformity with the applicable regulations.

Installation

The pole is designed for burial, with the buried part measuring 1000 mm. To protect the pole, a corrosion-resistant protective sheath can be applied to the area in contact with the ground. The sheath is not included with the pole accessories. Upon request, a pole base plate can be used (code 1850), consisting of two parts which can be joined together, made of die-cast aluminium, 420 mm in diameter and 122 mm high. The element can be customised with cast embossed text.

Colour

Grey (15)

Weight (Kg)

78

Wiring

The electric power cable enters through the slot located 750 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

