

Instructions for assembly, operation and maintenance of the Fiberlink plastic insulators



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Fiberlink brand plastic insulators

The insulators are manufactured by winding up a supporting skeleton made from glass fibres onto metallic sleeves, with subsequent embedding in silicon material in a mould. The glass fibre is wound using many turns to form a „∞“loop.

Metallic fittings protruding behind the metallic sleeves of the insulator after the assembly are used to shape the own electric field and in this way, in terms of potential short circuit, they automatically start to operate as protective fittings.

Warranty

The DRIBO company does not assume any warranty for damages that have been caused by using the product to other than specified purposes, by non-professional interventions and also any warranties toward the third parties.

The manufacturer does not assume any warranty for damages and operational failures that have been caused by the non-adherence to the instruction manual.

Handling and storing

Following the goods receipt check the state of the product packing. Open the packing in a way so as not to damage its contents, and check the insulator type against the corresponding purchase order and delivery bill data.

During the unpacking check also for any damages of the contents of the consignment during the transport. Any damages discovered should immediately be reported to the supplier. Each insulator with a damaged shell or with impaired sealing of the ends has to be discarded.

If feasible store the insulators in original package. The boxes have to be lifted above the floor and stored in areas without stagnant water or polluted with oil/diesel oil products. The boxes have to be protected from rodents.

Transport the insulators in original package. The insulators are not allowed to be transported freely or bundled together using chains, ropes etc. During the transport it is not allowed to place any other items or equipment on the insulators. Insulators should be brought to the installation site only if they are installed immediately installed.

Assembly

Do not place the insulators straight on the floor. Use protective package, or at least place them on a plastic or linen cloth. The insulators are not allowed to be placed in areas where they can be knocked down or covered up with other parts or equipment.

Insulators bearing a sign of damage on the shell or the sealing must immediately be discarded and removed from the assembly site.

Check whether the type designation on the insulator corresponds to that specified in the engineering documents, and whether the insulator is installed in correct position and the fittings are mounted in the proper sequence. The subsequent fittings/armatures have to feature the correct dimensions. Make sure that all the cotter pins are inserted in working position and the fittings nuts are properly tightened.

The fixing ropes can be fixed only to the insulator sleeve, never to the skirts or sheath. When utilizing the assembly platform it is always to check that the platform does not come into contact or does not bear on the insulator. The hoisting ropes are not allowed to be thrown across the insulators.

When tightening the conductors never use equipment or procedures that might expose the insulators to bending or torsion. At any circumstances do not loose the conductor loops by turning round the insulator or its suspension parts. Pull type insulators should not be exposed to rotation when tightening the conductor with strain screws. Make sure that the whole suspension mechanism follows the movement of the conductor drawn through, without bending. During the assembly the insulators are not allowed to be exposed to overloads. Adequate aids and means are to be used.

Maintenance

The Fiberlink insulators are maintenance free.