



# Cathodic Protection Junction Boxes

Datasheet DS 010

Rev.02

Cathodic protection systems require the design and installation of a number of junction boxes to allow easy operation and measurements on the various components.



Junction boxes serves many purposes like cables access and junction, power distribution, voltage and current measurements and regulation. A well-designed junction box system always means a perfect control over the entire systems.



TECNOCORR s.r.l. has a long and field-proven experience on junction boxes design, production and supply, and can support you in the choice of the appropriate components.

We provide technical specifications, thermal dissipation calculation, accurate drawings and wiring and installation instruction for each designed Junction box.



Junction boxes may be equipped with a wide range of assembly and equipment, from a simple busbar for cables fastening to current limiting resistors, measuring shunts, current interrupter, selectors, overvoltage protectors, analogue and digital instruments and telecontrol components.



Every application requires a preliminary selection of the materials, protection rating, paintings and construction type.

We can supply a wide range of enclosures including marine grade plastics, polycarbonate, fiberglass, aluminum and various grades of stainless steel.

Our JB are finished with high quality paintings that can include anticorrosive and anti-condensation treatments.



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The appropriate IP and IK rating (according to IEC 60529 and IEC 62262 Standards) will be your guarantee for long lifetime and perfect protection of the contained equipment even in the harshest conditions and environments. To ensure a safe operation, our Junction boxes comply with UL requirements.



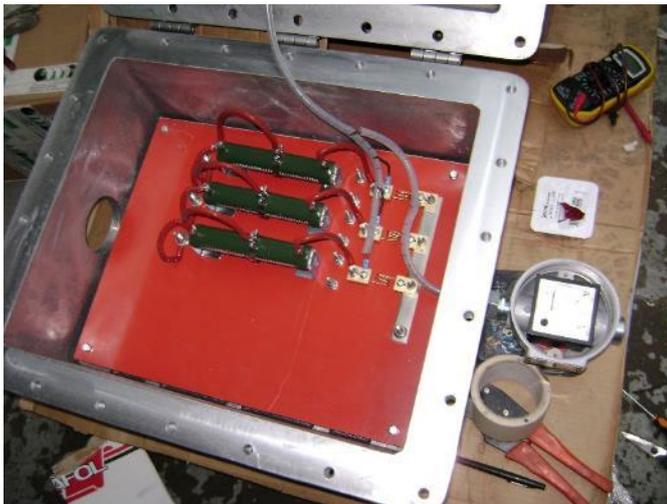


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For hazardous areas, where the presence of potentially explosive atmosphere makes impossible the use of standard electrical equipment TECNOCORR proposes ATEX -certified explosion-proof junction boxes, constructed and certified according IEC 60079 Standard.



## Typical Junction Box reference drawing

