



JUNCTION BOXES



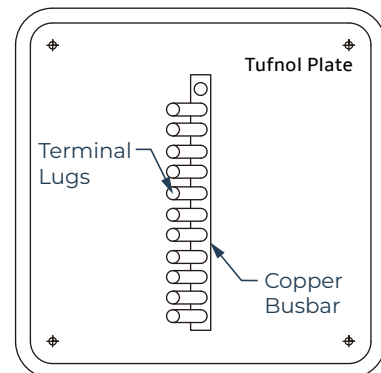
50 YEARS PROVEN EXPERIENCE IN CATHODIC PROTECTION



Junction boxes are used to connect all the equipment in a cathodic protection system and provide a means for easy inspection of individual anode currents. Choose from sheet steel, stainless steel, aluminium, glass reinforced plastic (GRP) and plastic, we can provide a range of junction boxes for all types of application.

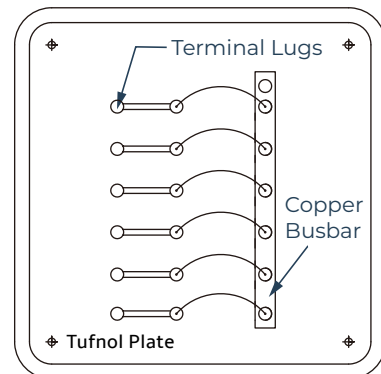
■ Standard Junction Box

This type of box has the compression lugs only. It is designed to provide a termination point for anode cables before outing to a cathodic protection transformer rectifier.



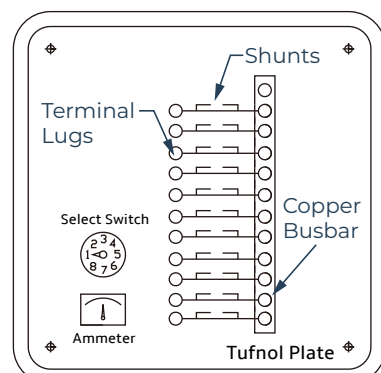
■ Bond Junction Box

This type of box is designed to provide a location for the purpose of cathodically interconnecting structures, such as pipelines on both sides of an insulating flange.



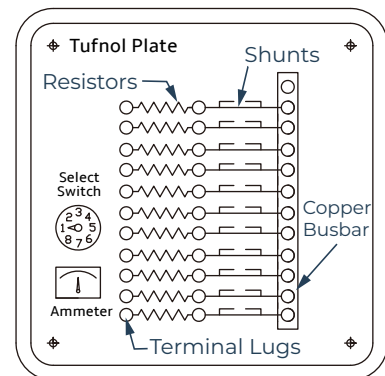
■ Shunt Junction Box

With integrated shunts inside the box, this junction box allows current to be accurately measured on each anode for easy performance monitoring and potential problems identification.



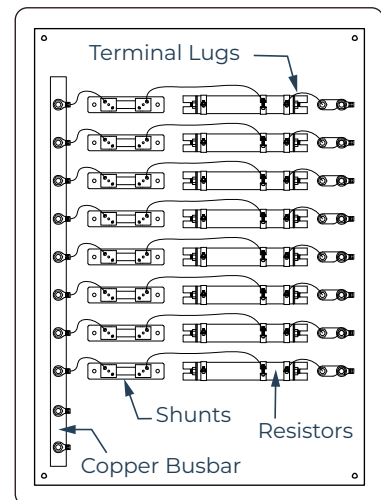
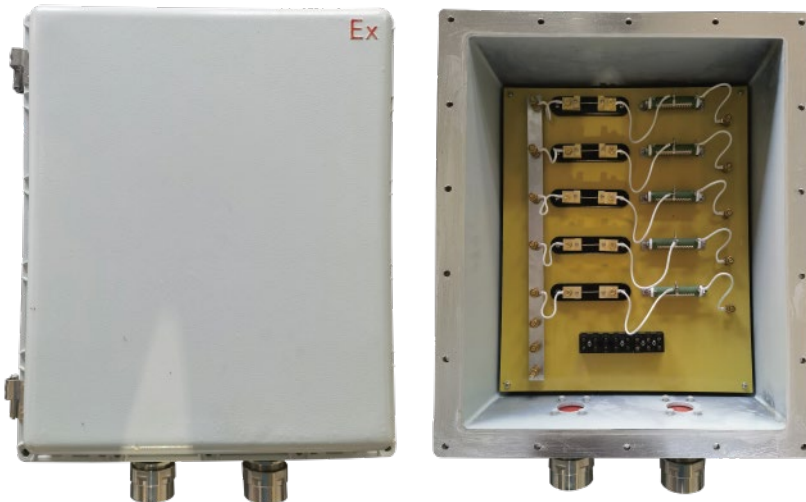
■ Shunt & Resistor Junction Box

Resistance values of anodes on any given impressed current cathodic protection system are often different due to varying lead wire length and electrolyte conditions. Assembled with shunts and resistors, this junction box compensates the resistance difference and ensures uniform current output.



■ Explosion-Proof Junction Box

Constructed with cast aluminum enclosure, this junction box is designed for hazardous locations or highly corrosive areas. It is ideal for offshore, petrochem or volatile industrial areas where environmental conditions require additional corrosion protection.





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