

Permanent Test Stations

Model: CJB (Cathode Junction Box)

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German Cathodic Protection



Where a common impressed current cathodic protection system is applied to several separate metallic structures, it may be necessary to adjust or to balance the flow of protective current between the protected structures by means of a Cathode Junction Box.

Tailor-made anode junction boxes are provided with all necessary components such as:

- variable resistors for the adjustment of currents
- shunts for measurement of currents
- blocking diodes to prevent the flow of currents in reverse direction
- terminals for cable lug or screw clamp connections
- cable glands or conduits for cable entries

Robust aluminium enclosures

Technical Data

Material:	DIN EN 1706 EN AC-AISI 12 (Fe)
Painting:	Powder coating
Colour:	RAL 7001, silver grey special colours on request
Ingress protection :	IP 66 to EN 60529
Impact resistance:	> 7 Joule; EN 50014
Temperature resistance:	PUR-(polyurethane) seal (standard) -40° C to +90° C CR-(chloroprene) seal -40° C to +100° C VMQ-(silicone) seal (optional) -60° C to +130° C

Enclosures also available in polyester or stainless steel for outdoor/weatherproof installation according to IP66, or in range of EX versions for use in hazardous areas. Other enclosures can be custom manufactured and tested according to applicable standards and enduser specification.

Accessories

DIN rail, earthing rail, mounting plate, external brackets, external aluminium hinges, quick lock internal hinges, Turn bolt fastener, etc.

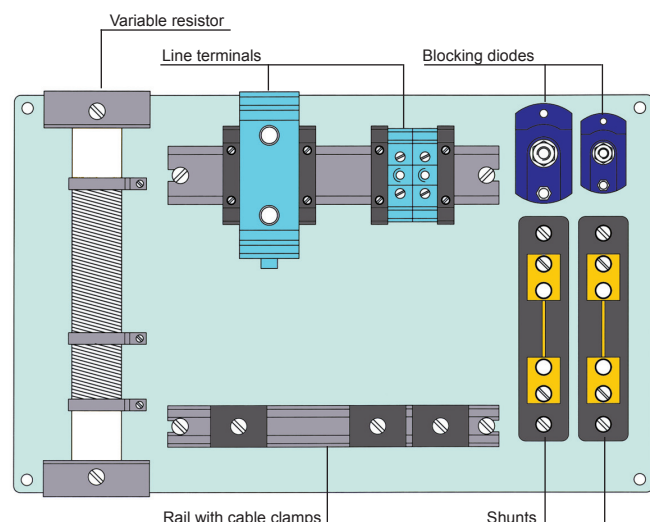
Options

Hot-dipped galvanised steel supports for installation on concrete foundations or supports for wall mounting with conduits, etc. available on request.



CJB with hot-dipped galvanised steel supports

Cathode Junction Box - Typical Layout



Enclosure



External brackets



External hinge



Internal hinge