

PERMANENT TEST STATIONS

Model: AJB (Anode Junction Box)

Document No.: 06-600-R1

Sheet: 1 of 1

German Cathodic Protection



Anode Junction Boxes AJBs provide terminations for anodes and cables and connections to the main positive cable from the DC power source unit.

AJBs can be equipped with shunts to control the output current of individual anodes (or group of anodes), as well as variable resistors for individual adjustment of anode circuit output current.

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

- variable resistors according to required ratings
- shunts according to required ratings and standards
- cable terminations for cable lugs 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.



Enclosure



External brackets



External hinge



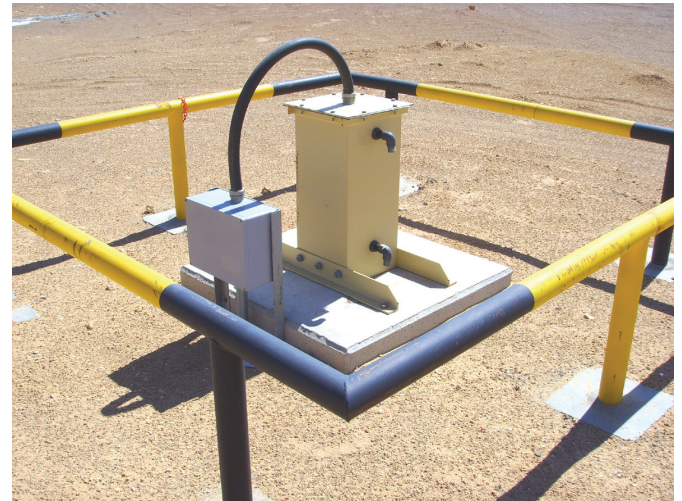
Internal hinge

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.



Steel support mounted AJB on concrete foundation at anode deep grounded structure (with crash barriers)

Anode Junction Box - Typical Layout

