

MGB Signalling Product Guide

Power Enclosures

- Our standard range of power enclosures are available in a number of configurations
- The enclosure housing is manufactured in stainless steel with a brushed finish and fitted with a gland plate that can be pre-drilled to meet your cable requirements.
- The flash and function test is carried out by IRSE licensed staff.
- All components within the enclosure housing have a proven history of use on the railway infrastructure.
- Bussmann Camaster fuse carriers are provided to accommodate fuse protection for the transformers and rectifiers.
- Fully shrouded test points easily accessible from the exterior of the enclosure



The Benefits

Engraved labels are provided for longer life.

A wiring circuit diagram is attached to the internal face of the enclosure.

ABB Entrelec terminals and accessories are used for wiring and cable connections.

Some types of enclosure are available off the shelf

Our range of power enclosures are good **quality** at **competitive prices** providing you with a long life product.

We are able to offer **bespoke alterations** to cater for client's individual requirements.



Relocatable Equipment Buildings

Our product range is based on BR1615 issue D and includes stainless steel and painted finish REBs suitable for the UK and overseas markets. Our REBs are pre-assembled to a 'basic build' or 'first fit' level for power, signalling and telecoms solutions. First fit can dramatically shorten the critical path for construction. All our prefabricated enclosures are 3A factory tested with an option for full testing and issued with a certificate of compliance.

REB types include:

Level Crossings, Axle Counters, SSI, Relay, Power, Telecoms, Track Circuit, Bespoke Interlocking.



Location Cases

Our product range includes stainless steel and painted finish location cases suitable for the UK and overseas markets which are pre-assembled to a 'basic build' or 'first fit' level using BRS-SM440 framework to offer standard SSI, Relay, HVI and Power installations. All our cases are 3A factory tested with an option for full testing and issued with a certificate of compliance.

Freestanding Racks & Cubicles

Our product range includes standard racking based on BRS-SM440 bar work suitable for the UK and overseas & underground markets. These racks can also be housed in a variety of cubicles to suit customer requirements. All our racks are 3A factory tested with an option for full test and issued with a certificate of compliance.

Racks and Cubicle types include:

Free standing equipment racks, relay racks, SSI racks, power racks, cable termination rack, MDF racks, change over cubicles, signalling equipment room (SER) cubicles, overseas cubicles, LDT cubicles, 19" racking cubicles, LSOH racks & cubicles, EMC rated cubicles, IP rated cubicles.



Sub-Assemblies, Fuse and Terminal Rails

A range of standard fuse and cable terminal assembly rails are available to accommodate various signalling requirements.



- Porcelain fuse holders and 2BA terminal blocks.
- Entrelec fuse holders, links and terminals.

Cable Termination Column

A range of cable disconnect link assembly rails are available to accommodate various signalling cable requirements

- 2BA terminal block links
- 24 way 2BA terminal block links
- 30 way 2BA terminal block links
- 48 way 2BA terminal block links
- Wago terminal disconnect



Capacitor / Resistor / Diode (H/O/J) Boards

A range of standard component types available in a number of arrangements to accommodate various signalling requirements.



- Robust stainless steel manufacture
- Bespoke arrangements available
- Standardised approach



Surge Arrestor Plates

A range of surge arrestor plates and mounts are available to accommodate various signalling requirements.

- Robust stainless steel manufacture
- Bespoke arrangements available
- Standardised approach