



Disconnect Boxes

Applications

The Flexo range of trackside disconnection boxes is compatible with a variety of applications, including Clamplock, Track Circuit, AWS TCAID and Level Crossing Treadle.

The unique design incorporates a hard neoprene moulded back plate, with sliding steel cover providing excellent accessibility. The rail bonding (stud Connections) are catered for with the 2.5mm² C1 leads. With the cover removed, access to the internal terminals is available on all sides. The cover itself is epoxy coated to resist corrosion and includes the facility for security padlocking. The moulded cable nesting grooves simplifies installation as no traditional glands are required.

Features and Benefits

The design principles applied ensure that every unit exceeds the performance requirements. Specifically, the threaded inserts are fully bonded to the neoprene to ensure integrity. They are manufactured from high grade brass to guarantee long life. The covers are exceptionally tough and corrosion resistant. The neoprene body ensures that vibration degradation is eliminated ensuring that terminations will not fracture.

Installation

Cable entry is simplified by the provision of moulded nesting grooves to suit individual applications. The cables are secured by means of a full width clamp/brush sealing arrangement requiring a single allen key only. This facilitates rapid assembly and allows cable routings to be checked quickly and easily. The boxes are designed to be used with cables requiring terminating on site or with certain products from the range of Prysmian pre-terminated detection system cables.

TRACKSIDE DISCONNECT BOX - ACCESSORIES

Description	Prysmian Part Number	PADS Cat. Number
Disconnect box mounting stake, standard length for normal ground conditions	RL1667/00	086/010751
Disconnect box mounting stake, long length for poor ground conditions	RL1678/00	086/088250
Disconnect box mounting stake, extra long length for very poor ground conditions	RL1721/00	086/088260
Disconnect box mounting stake, long length for TCAID applications	RL1670/00	086/088261
Post mounting kit for disconnect boxes	W49980058	086/010754
Small Stainless Steel Cover 204x111x70	RL1696/00	-