



Bulkhead Penetration Kits

Optional bulkhead penetration kits can be provided for filters up to 400A. The tube thread size should be chosen to match the pre-pierced end compartment conduit holes.

These high quality bulkhead penetration kits have been designed to provide an RFI tight bulkhead penetration for cables to facilitate fixing of rectangular filters to bulkheads or walls of shielded enclosures. They make it easier to achieve a full RFI seal between filter case and bulkhead up to the highest frequencies, which is not usually achievable with standard electrical conduit fittings due to badly fitting threads.

The bulkhead penetration kits can be used with a bulkhead thickness up to 20 mm. They comprise a penetration tube complete with nuts, heavy duty washers, RF gaskets, and end bushes for cable protection. The main components are made from electroplated steel and the RF gaskets are made from copper sheet.

Part Number (Kits for use with Bulkhead Thickness of up to 20 mm)	Cable Entry Hole Diameter (mm)	Conduit Thread Size
150-30/807147	20	M20
150-30/807148	25	M25
150-30/807149	32	M32
150-30/807150	40	M40
150-30/807151	50	M50
150-30/807152	63	M63
150-30/807153	75	M75



Fixing Screw Kits

Optional fixing screw kits can be provided for filter sizes up to 400A. The screw thread size should be chosen to match the pre-pierced end compartment fixing holes.

Fixing screw kits enable the filter to be securely fastened to the mounting surface. They can be used with a mounting surface thickness up to 20 mm. They comprise a set of four screws each with washers, spring washers, nuts and lock nuts and are all made from electroplated steel with the exception of the spring washers which are stainless steel.

Part Number (Kits for use with Mounting Surface Thickness of up to 20 mm)	Fixing Hole Diameter (mm)	Screw Thread Size
150-30/806952	6	M5
150-30/806952	7	M6
150-30/806953	9	M8
150-30/806954	11	M10
150-30/806955	13	M12
150-30/806956	17	M16
150-30/806957	21	M20





Recommended Torque Tightening Figures

Always use two spanners when tightening terminal, earth stud and mounting screw fasteners.

Fixing Type	Size	Recommended Tightening Torque (N-m)
Access Lid Screws	M5	1
Terminals, Earth Studs & Mounting Screws	M5	2
	M6	2.5
	M8	5
	M10	8
	M12	11
	M16	20
	M20	32



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