

Installation Instructions

For

VFD-1 Panel Mount Receptacle

Panel Mount Receptacles - Braided Shield Style

Panel Mount Receptacles are furnished preassembled in either male or female patterns. Male receptacles are recommended for power outputs due to the dead front tip design. Female receptacles are recommended for power inputs. Where shielded cables are to be connected to the rear of the receptacle, the braided shield style of receptacle is required.



The braided shielded style receptacle is installed into the panel with the braided shield removed. The braided shield retaining ring is LEFT hand threaded and the braided shield and retaining ring assembly are removed by unscrewing to the right. The receptacle is installed with the gasket between flange and the panel wall.

The supplied lug is crimped onto the cable and attached with the allen head bolt and lock washer.

Installation Instructions

1. Panel mount receptacle is shipped assembled except for the lug and braid shield connector.
2. Mount receptacle in position in panel.
3. Strip cable as shown on drawing (see reverse side)
4. Crimp lug onto cable using hex style crimping dies:

Crimping Die Information

Thomas & Betts - 13642PF

Cable Size MCM	Hydraulic Die Cat. No.	Head Die Code
313	11744	76H
444	11748	99H
535	11749	106H
646	11753	115H
777	11753	115H

Thomas & Betts - TBM15PF

Cable Size MCM	Head Die Cat. No.	Head Die Code
313	15512	76H
444	15505	99H
535	15515	106H
646	15504	115H
777	15504	115H

5. Slide braid shield connector over lug onto cable.
6. Attach lug to rear of receptacle using supplied metric allen head bolt and lock washer.
7. Slide braid shield connector into place (rotation of connector will help if lug was located at 45 degree angle)
8. Screw braid shield connector onto rear of receptacle.
 - NOTE: LEFT HAND THREADS – TIGHTEN FULLY BUT DO NOT STRIP.
9. Clamp end of braid shield connector to exposed cable braid using supplied hose clamp.

Please call (281) 445-7400 for technical assistance.

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