D E S C R I P T I O N

PRODUCT COVERED:

* Econoseal J Series Mark II(+) Connectors.

GENERAL:

These devices are multipole connectors available in one through twelve positions. The contacts will accommodate No. 16-22 AWG copper wire.

ENGINEERING CONSIDERATIONS (NOT FOR UL REPRESENTATIVE USE):

Use - For use only in complete equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc.

Conditions of Acceptability - In order to be judged acceptable as a Component of electric equipment, the following list of conditions should be met.

1. These devices should be used only where they will not interrupt the current.

2. These devices have not been investigated for current-carrying capability.

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* 3. The placement of the devices within the appliance enclosure should be such that spacings between the live parts and the appliance are suitable for the particular application.

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4. The suitability of the spacings between adjacent poles and the associated voltage rating shall be determined in the end-use.

5. The receptacle contacts are for assembly to No. 16-22 AWG stranded copper wire leads by crimping before factory assembly in the bodies, using AMP "SCAT" (Sealed Contact Automatic Terminator) crimp tooling.

6. The suitability of the rubber contact collars, cavity plugs and seal ring shall be determined in the end-use equipment. These parts are molded of nitrile butadiene rubber compound.

7. The electrical and mechanical suitability of the wiring terminals shall be determined in the end use.

8. The suitability of the insulating materials used in the molded bodies shall be judged in the end-use equipment.

9. The operating temperature of these devices should not exceed the temperature ratings of the insulating materials. These materials may be used interchangeably at a maximum temperature of 75°C.

10. The factory assembled contacts have been investigated for the following wire ranges and maximum tensile forces.

Part No.	Contact	Wire Range (AWG)	Tensile Force (lbs)
171630-1	Female	No. 22-20 Str.	8
171631-1	Male	No. 22-20-20 Str.	8
171661-1	Male	No. 20 Str.	8
171661-1	Male	No. 16 Str.	20
171662-1	Female	No. 20 Str.	8
171662-1	Female	No. 16 Str.	20

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