

File E28476            Vol. 1            Sec. 78            Page 1            Issued: 1975-12-13  
                      Vol. 7            Sec. 14            Revised: 2018-11-29  
                      Vol. 79          Sec. 1  
                      Vol. 132        Sec. 3  
    and Report

## DESCRIPTION

### PRODUCT COVERED:

Component - High current Connectors. Refer to illustrations for individual catalog numbers.

### GENERAL:

All Cat. Nos. may have prefixes and/or Suffixes -0 to -9 inclusive to denote color.

These devices are multi-pole connectors employing contacts of the crimp termination type for use in electrical equipment where the acceptability of the combinations is determined by **Underwriters Laboratories Inc.**

### 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 electrical equipment, the following conditions should be met.

1. Cat. Nos. 480766, 480767, 641685, 641686, 643266 and 643267 should be used only where they will not interrupt the current unless they are carrying a current of 35 A (or less) at potentials of 125 V (or less). The other devices covered in this Report have not been evaluated for interruption of current or for current-carrying capability.

2. The adjacent poles may carry currents at potentials not exceeding 600 V between any two circuits.

3. The contact, Part No. 350650-1 is for factory assembly on Nos. 8 through 12 AWG stranded copper wire by crimping before factory assembly in the bodies.

4. The contact, Part No. 350651-1 is for factory assembly on Nos. 12 through 16 AWG stranded copper wire by crimping before factory assembly in the bodies.

5. The contact, Part No. 770142-1 is for factory assembly on No. 6 AWG stranded copper wire by crimping before factory assembly in the bodies.

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

7. 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 105°C.

8. The acceptability of the mounting means shall be determined in the end use.