

File E28476 *Vol. 1 Sec. 52 Page 1 Issued: 9-9-82
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and Report

D E S C R I P T I O N

PRODUCT COVERED:

Component Connectors--Dual-Line Interlock Connectors Series.

ENGINEERING CONSIDERATIONS (NOT FOR INSPECTOR USE):

General - These devices are for use in equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc.

The housings in this report are designed to hold the dual-line interlock connector contact, and may be used to connect a wire harness to a printed circuit board. These contacts may have a variety of termination methods including post, clip on and solder. Contacts can be assembled along one or both sides of the housing. Number of contacts may range from 8 to 36 pins.

Conditions of Acceptability - In order to be judged acceptable as a component of electrical equipment, the following list of conditions should be met with particular consideration given to the specific contact and pin part numbers used.

1. These devices are not suitable for current interruption.
2. The current carried by each pole shall be judged under requirements applicable to the electrical equipment in which the devices are used with respect to operating temperatures.
3. The adjacent poles may carry currents at potentials not exceeding 250 V between any two circuits.
4. The electrical and mechanical contact between the contacts and the printed wiring board is to be judged.
5. The method in which the conductors are terminated is to be judged.
6. The placement of these devices within the appliance enclosure shall be such that spacing between live parts and the appliance are suitable for the particular application.
7. The suitability of the insulating materials used in the molded bodies shall be judged in the end-use equipment.
8. The insulating materials used for these devices and their related max temperature indices are tabulated on Page 2 of this report. (These materials may be used interchangeably at a max temperature of 105°C).

J.L.

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