

D E S C R I P T I O NPRODUCT COVERED:

Lace-N-Lok Series, Cat. Nos. tabulated herein. These catalog numbers may have Prefixes or Suffixes -0 to -9 inclusive, denoting color or alternate molding compounds as listed under Conditions of Acceptability.

Component connectors, contact assemblies, Cat. Nos. 1-67469-0 and 1-67469-2.

GENERAL:

These devices are multi-pole attachment plugs, receptacles and related contacts, factory assembled on insulated conductors for use within electrical equipment.

The Cat. No. 1-67469-0 and 1-67469-2 contacts may be plugged into the Lace-N-Lok Series, or terminated with Termination connectors supplied by the manufacturer.

The plastic materials used in the molded bodies are considered suitable for use within equipment subject to the conditions expressed in the tabulation below, and also subject to the performance requirements applicable to insulating materials used in the complete equipment including considerations of the flammability and electrical properties expressed as part of Component Recognized "Plastics".

ENGINEERING CONSIDERATIONS (NOT FOR INSPECTOR USE):

Use - For use only with products 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 list of conditions should be met:

1. These devices should be used only where they will not interrupt the current.
2. The current carried by each pole shall be judged under the requirements applicable to the electrical equipment in which the devices are used with respect to operating temperatures.

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- * 3. The placement of these devices within the appliance enclosure should be such that spacings between the live parts and the appliance are suitable for the particular application.
- * 4. The adjacent poles may carry currents at potentials not exceeding 250 V between any two circuits.
- * 5. 600 V may be placed on any two nonadjacent poles if the intervening poles are omitted to increase the total spacing between the live parts of opposite polarity to 1/8 in min.
- * 6. Contact Part No. 62347-1 or 62369-1 is suitable for use with No. 22 and 24 AWG solid, fused stranded, single conductor, multi-conductor ribbon cable, stranded types of copper wire.
- * 7. These devices molded in Noryl N-225 were subjected to the Hot Bar Resistance to Ignition Test as detailed in this report

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- * 8. Maximum Temperature Ratings (housings):

<u>Rmd</u>	<u>Material Designation</u>	<u>Manufacturer</u>	<u>Max Temp (°C)</u>	<u>Hot Wire Ingnitability (s)</u>
3023	Noryl N-225	General Electric	90	
26864	Valox 310-SEO	General Electric	120	20
702889	Noryl SE-1	General Electric	110	152
703312	Vydyne M344	Monsanto	105	121

- * 9. Contact assemblies covered in Fig. 3 may plug into the Lace-N-Lok series or be terminated by Termi-Point connectors (Ills. Nos. 7, 8) supplied by the manufacturer.
- * 10. The suitability of the Termi-Point connectors with respect to ampacity and spacings, shall be determined in the end-use equipment.

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