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SUBJECT 906

OUTLINE OF INVESTIGATION

FOR

SOLENOIDS

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Summary of Topics

This new issue of SU 906 is being issued through UL's electronic publishing system to ensure format uniformity between the PDF and HTML versions of the document. No substantive changes have been incorporated in the document.

The UL Foreword is no longer located within the UL Standard. For information concerning the use and application of the requirements contained in this Standard, the current version of the UL Foreword is located on ULStandardsInfoNet at: <http://ulstandardsinfo.net.ul.com/ulforeword.html>

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GENERAL

1 Scope

1.1 These requirements cover solenoids rated 600 volts or less.

1.2 These requirements do not cover solenoids that are part of complete products such as electric valves, contactors, and the like.

2 General

2.1 Compliance with these requirements does not assure that the solenoid is acceptable for use as a component of an end product. The acceptability of a solenoid in any particular application depends upon its performance in continued use under the conditions that prevail in actual service. Accordingly, a solenoid might be affected by the requirements for the equipment in which it is used, and it may be necessary to additionally investigate that solenoid for features or characteristics that are not specified in this outline of investigation.

2.2 Any undated reference to a code or standard appearing in the requirements of this standard shall be interpreted as referring to the latest edition of that code or standard.

3 Units of Measurement

3.1 When a value for measurement is followed by a value in other units in parentheses, the first stated value is the requirement.

4 Components

4.1 A component in a product covered by this outline shall comply with the requirements for that component.

Exception: A component need not comply with a specific requirement that:

a) Involves a feature or characteristic not needed in the application of the component in the product covered by this outline, or

b) Is superseded by a requirement in this outline.

4.2 A component shall be used in accordance with its recognized rating established for the intended conditions of use.

4.3 Specific components are recognized as being incomplete in construction features or restricted in performance capabilities. Such components are intended for use only under limited conditions, such as certain temperatures not exceeding specified limits, and shall be used only under those specific conditions for which they have been recognized.