

## PRODUCT COVERED:

**USL, CNL** - RJ45 Pivot Power Modular Plug Connectors, Models 2213145 and 2213183. Intended for indoor use in data communication systems.

## GENERAL:

The RJ45 Pivot Power Modular Plug Connectors are intended for low power connections and consists of a housing subassembly and pivot cover. The modular plugs are unshielded with eight mating positions. The housing subassembly includes two contacts. These plugs contain terminals which terminate to conductor cable with two stranded wires.

## TECHNICAL CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE'S USE):

Products designated **USL** have been investigated using requirements contained in the UL Standard for Safety for Communications-Circuit Accessories, UL 1863 4<sup>th</sup> Edition, Dated May 14<sup>th</sup> 2004, including revisions through November 13, 2012.

Products designated **CNL** have been investigated using requirements contained in the Canadian Standard for Plugs, Receptacles and Connectors for Communications Systems, CSA C22.2 No. 182.4-M90, Edition 1, Reaffirmed in 2006.

The test results of UL 2043 for the RJ45 Pivot Power Modular Plug Connectors, Models 2213145 and 2213183 are acceptable. These devices are appropriate for installation in air-handling spaces per the NEC, Article 300.22.

If employed in an air-handling environment, the plugs described in this report shall be used with cables and connectors that have also been evaluated for use in the same type of environment.

If any changes in the construction or utilized materials are made to the products investigated for use in air-handling spaces or the product itself, the product must be reevaluated by both the UL 1863 Standard Group and the UL 2043 Standard Group - "Fire Test for Heat and Visible Smoke Release for Discrete Products and Their Accessories Installed in Air-Handling Spaces".

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## MARKING:

General - Recognized Company's name or logo, Component Recognition Mark and model designation is provided on each unit or smallest unit package.

The RJ45 Pivot Power Modular Plug Connector, Models 2213145 and 2213183, shall be marked "Also Investigated to UL 2043, For Use In Air-Handling Spaces".

## INSTALLATION INSTRUCTIONS:

General - The RJ45 Pivot Power Modular Plug are intended for field installation and are to be installed in accordance with the applicable requirements of the National Electrical Code and the local authorities having jurisdiction. The plugs are intended for indoor use only. The Installation Instructions will contain the following statement: "These products are intended for indoor use only in communications circuits in an isolated closed loop circuit and not for telecommunications circuits (POTS)". A copy of the installation instructions can be found in ILL. 1 and may be supplied with each product shipment.

## CONSTRUCTION DETAILS:

General - Details of construction are shown in the following photographs, associated descriptive pages and drawings. The general design, shape and arrangement shall be as shown unless otherwise indicated.