

File E90664
Project 08CA23640

June 20, 2008

REPORT

on

COMPONENT - Connectors for Use in Data, Signal, Control and Power
Applications - Component

Wieland Electric Gmbh
Bamberg, Germany

Recognized Company: Wieland Electric Gmbh

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DESCRIPTION

PRODUCT COVERED:

* USR, CNR Component Connector Enclosure, Series revos Mini, revos HD revos Basic, Revos Fle, Revos Flex Compact, and Revos Basic M.

GENERAL:

These devices are enclosures intended for use with the Applicant's UL Recognized connectors, where the acceptability of the combinations is determined by Underwriters Laboratories Inc. The enclosures were tested according to UL 50E, First Edition.

USR indicates investigation to United States Standards, UL 1977, UL50, Twelfth Edition and UL 50E, First Edition.

CNR indicates investigation to Canadian National Standards, C22.2 No. 182.3-M1987 and C22.2 No. 94.1-07 and CSA C22.2 No.94.2-07.

RATINGS:

Environmental Type Rating for Series Mini and HD: 1

Environmental Type Rating for Series Basic: 1, 4 and 12

Environmental Type Rating for Series Revos Fle and Flex Compact: 4

Environmental Type Rating for Series Revos Basic M: 4, and 4X

NOMENCLATURE:

The nomenclature for the devices is presented in the Ill. 1.

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

Use - For use only in or with complete equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc.

Conditions of Acceptability - The following are among the considerations to be made when evaluating the device in the end-use product.

1. The suitability of the mounting means shall be determined in the end use.
2. No tests regarding the cable assembly have been conducted. The suitability of the strain relief function or the cable gland shall be investigated in the end use investigation.
3. The threaded holes in the hoods and housings are intended to be connected to the appropriate sized Listed or Recognized conduit and/or conduit fittings. If the threaded holes are not connected to the conduit and/or conduit fitting then an appropriate sized and appropriate threaded metal cap shall be used. The corrosion protection of the cap shall be evaluated in the end use.
4. In order to maintain the type rating all opening shall be sealed with the same type rating connector, cable assembly or cable gland.