

# CERTIFICATE OF COMPLIANCE

**Certificate Number** 20170321-E81956  
**Report Reference** E81956-20090622  
**Issue Date** 2017-MARCH-21

**Issued to:** TYCO ELECTRONICS CORP  
2901 FULLING MILL RD  
MIDDLETOWN PA 17057-3170

**This is to certify that  
representative samples of**


COMPONENT - COMMUNICATIONS-, AUDIO/VIDEO-,  
DATA- AND OTHER SIGNALING-CIRCUIT  
ACCESSORIES  
See Addendum Page for Models/Product

Have been investigated by UL in accordance with the  
Standard(s) indicated on this Certificate.

**Standard(s) for Safety:** UL 1863 - Standard for Communications Circuit  
Accessories  
CAN/CSA C22.2 No. 182.4 - Standard for Plugs,  
Receptacles, and Connectors for Communication Systems

**Additional Information:** See the UL Online Certifications Directory at  
[www.ul.com/database](http://www.ul.com/database) for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's  
Certification and Follow-Up Service.

The UL Recognized Component Mark generally consists of the manufacturer's identification and catalog  
number, model number or other product designation as specified under "Marking" for the particular  
Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products  
that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark:  
, may be used in conjunction with the required Recognized Marks. The Recognized Component Mark is  
required when specified in the UL Directory preceding the recognitions or under "Markings" for the individual  
recognitions.

Recognized components are incomplete in certain constructional features or restricted in performance  
capabilities and are intended for use as components of complete equipment submitted for investigation rather  
than for direct separate installation in the field. The final acceptance of the component is dependent upon its  
installation and use in complete equipment submitted to UL LLC.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program  
UL LLC

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contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

## Models/Product:

USR, CNR Industrial Ethernet Connectors, Cat. Nos. 1903527-1, 1903526-1, 1987236-1, 1987236-3, 1987236-5, 1987005-1, 1987006-1, 1987004-2, 1987004-1, 1987004-1, 2069928-1.

USR, CNR Industrial RJ45 Connector, Cat. Nos. 1-2120864-1, 2292690-1, and 2120892-1.

USR, CNR Connector Assembly Frames, Cat. Nos. 1987671-1, 1987672-1, 1987673-1, 1987674-1, 1987306-1, 1987307-1



Bruce Mahrenholz, Director North American Certification Program  
UL LLC

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File E81956            Vol. 5            Sec. 19            Page 1            Issued: 2009-06-22  
                         Vol. 39            Sec. 1                                    Revised: 2017-03-17  
                         Vol. 40            Sec. 1  
                         Vol. 41            Sec. 1  
                         Vol. 42            Sec. 1  
   and Report

DESCRIPTION

PRODUCT COVERED:

USR, CNR            Industrial Ethernet Connectors, Cat. Nos. 1903527-1,  
                         1903526-1, 1987236-1, 1987236-3, 1987236-5, 1987005-1,  
                         1987006-1, 1987004-2, 1987004-1, 1987004-1, 2069928-1.

USR, CNR            Industrial RJ45 Connector, Cat. Nos. 1-2120864-1, 2292690-  
                         1, and **2120892-1**.

USR, CNR            Connector Assembly Frames, Cat. Nos. 1987671-1, 1987672-1,  
                         1987673-1, 1987674-1, 1987306-1, 1987307-1

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

USR indicates evaluation to UL 1863, The Standard for Communications Circuit Accessories dated May 14<sup>th</sup>, 2004 including revisions through September 15<sup>th</sup>, 2016.

CNR indicates evaluation to CAN/CSA C22.2 No. 182.4, The Standard for Plugs, Receptacles, and Connectors for Communication Systems, 1<sup>st</sup> Edition, reaffirmed 2015.

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File E81956

Vol. 5            Sec. 19

Page 2

Issued: 2009-06-22

Vol. 39           Sec. 1

Revised: 2017-04-07

Vol. 40           Sec. 1

Vol. 41           Sec. 1

Vol. 42           Sec. 1

and Report

MARKINGS:

The Recognized Company's name and part number designation shall be placed on the product or smallest packaging.

CONDITIONS OF ACCEPTABILITY:

The connectors described in this report are component devices, which have been evaluated for current limited communication circuits not exceeding 175 mA. Each device is only intended for ordinary indoor locations where the acceptability of the combination is determined by Underwriters Laboratories Inc.

RATINGS:

\*        **The products described in this Report are intended for telephone circuits operating at 175 mA or less, and a maximum of 56.5 Vdc, ringing voltage not to exceed 150 Vrms**