

CERTIFICATE OF COMPLIANCE

Certificate Number UL-US-L134282-21-91210991-4
Report Reference E134282-19901219
Date 19-Oct-2022

Issued to: HIROSE ELECTRIC CO., LTD.
2-6-3 NAKAGAWA CHUOH
TSUZUKI-KU YOKOHAMA-SHI, KANAGAWA 224-8540
Japan

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

DUXR2 - Communications-, Audio/Video-, Data- and Other
Signaling-circuit Accessories - Component

See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the
component requirements in the Standard(s) indicated on
this Certificate. UL Recognized components are incomplete
in certain constructional features or restricted in
performance capabilities and are intended for installation in
complete equipment submitted for investigation to UL LLC.

Standard(s) for Safety: UL 1863, 4th Ed, Issue Date: 2004-05-14, Revision Date:
2019-10-14

Additional Information: See the UL Online Certifications Directory at
<https://iq.ulprospector.com> for additional information

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Recognized Component Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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Model	Category Description
CTBX-MJ (+)	Modular adapters
TM (#)	Modular Jacks
TM (*)	Modular Plugs
TM11RX-5M2-88 (a)	Modular Jacks
TM11RX-5M2-88-LP(02) (a)	Modular Jacks



Bruce Mahrenholz, Director North American Certification Program

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File E134282
Project 90NK15175

December 19, 1990

REPORT

on

COMPONENT - COMMUNICATION CIRCUIT ACCESSORIES

Hirose Electric Co., Ltd.
Kohoku-Ku, Yokohama, Japan

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DESCRIPTION

PRODUCT COVERED:

* USR Modular jacks, Part Nos. TM, followed by 1, 2, 3, 5, 11, 13 or 18, may be followed by a letter, followed by RX, RAX, RBX, RCX, REX, REAX, RUX, RA1X, RCVX, RDAX, RE1X, RE2X, RE2VX, RE3X, RE3VX, RFX, RF1X, RGVX, RJX, RJ1X, RJ2X, RJ3X, RLX, RN2VX, RSAX, RSBX, RUX, RU1X, or RVX, followed by 3*, 5*, **5N2**, M2, 5M2 or blank, followed by 88 **or blank**, followed by **LDNA**, LP or LPO, followed by DIR **or blank** or by **followed by** suffixes denoting size, number of contacts (**e.g.:88, 1806**), **may be followed by 2.5DS** and/or customer preferences.
*** is reference number, alphabetical character**
See ILL. 1 for details

USR Modular Plugs, Part Nos. TM, followed by 3, 4, 8, 11, 11A, or 23, followed by PX, followed by suffixes denoting size, number of contacts and/or customer preferences.

USR Modular adapter, Part No. CTBX-MJ, followed by -6*S or -88S, where suffix * may be any number denoting number of contacts and/or customer preference.

TECHNICAL CONSIDERATIONS:

The modular jacks, plug and modular adapter described in this Report are constructed of a R/C plastic housing, R/C wires and gold plated contact pins. The modular plug, jack and adapter are intended for use in the Listed telephone or Ethernet terminals/systems. The difference between the jack and plug assemblies are the configuration of the housing and the use of the connector itself.

USR indicates evaluation to UL 1863, Standard for Communications-Circuit Accessories, 4th Edition, dated May 14, 2004, including revisions through September 15th, 2016.

CONDITIONS OF ACCEPTABILITY:

The telephone jacks are component devices which have been evaluated for current limiting telephone circuits not exceeding 500 mA. Each device is only intended for ordinary indoor locations where the acceptability of the combination is determined by Underwriters Laboratories Inc.

RATINGS:

The units are intended for telephone circuits operating at 500 mA or less and a maximum 56.5 V dc, ringing voltage not to exceed 150 V rms or may be intended for use in Ethernet data loop systems.

Modular Jack , Models TM11RX-5M2-88, TM11RX-5M2-88-LP, TM11RX-5M2-88-LPO-DIR and TM11RX-5M2-88-DIR are rated for 1 A and a maximum of 56.5V dc, intended for indoor use on a communication loop circuit that has been isolated from the Public Switch Telephone Network.