CERTIFICATE OF COMPLIANCE

 Certificate Number
 20191121-E52653

 Report Reference
 E52653-20130523

 Issue Date
 2019-NOVEMBER-21

Issued to: HIROSE ELECTRIC CO., LTD

5-23 OSAKI 5-CHOME SHINAGAWA-KU

TOKYO 141-8587 JAPAN

This certificate confirms that representative samples of

COMPONENT - CONNECTORS FOR USE IN DATA, SIGNAL, CONTROL AND POWER APPLICATIONS

See addendum page

Have been investigated 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 1977, Component Connector for Use in Data, Signal,

Control and Power Applications.

CAN/CSA C22.2 No. 182.3-16, Special Use Attachment

Plugs, Receptacles and Connectors.

Additional Information: See the UL Online Certifications Directory at

https://ig.ulprospector.com for additional information.



Ba Willy

Bruce Mahrenholz, Director North

Bruce Mahrenholz, Director North American Certification Program

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at https://ul.com/aboutul/locations/

CERTIFICATE OF COMPLIANCE

 Certificate Number
 20191121-E52653

 Report Reference
 E52653-20130523

 Issue Date
 2019-NOVEMBER-21

This *Certificate of Compliance* does not provide authorization to apply the UL Recognized Component Mark. Only the UL Follow-Up Services Procedure 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.



Ba Milly

Bruce Mahrenholz Director North

Bruce Mahrenholz, Director North American Certification Program

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at https://ul.com/aboutul/locations/

CERTIFICATE OF COMPLIANCE

 Certificate Number
 20191121-E52653

 Report Reference
 E52653-20130523

 Issue Date
 2019-NOVEMBER-21

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

USR, CNR Component connectors, Series PS3;

Plug connector, Cat. No. PS3-2UP.

Receptacle connector, Cat. No. PS3-2US.

USR, CNR Component connectors, Series PS3C;

Male connector, Cat. Nos. PS3C-X-1UP, where X maybe A or B indicating polarization/keying. Receptacle connector, Cat. Nos. PS3C-X-1US, where X maybe either A or B, indicating polarization/keying.

USR, CNR Component connectors, Series PS3CS;

Plug connector, Cat. Nos. PS3CS-A-1UP or PS3CS-B-1UP.

Receptacle connector, Cat. Nos. PS3CS-A-1US, PS3CS-B-1US, PS3CS-TO-A-1US or PS3CS-TO-B-1US.



Ba Mally
Bruce Mahropholy Director North

Bruce Mahrenholz, Director North American Certification Program

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at https://ul.com/aboutul/locations/

File E52653 Project 13CA10580

Issued: May 23, 2013
Revised: November 15, 2019

REPORT

on

COMPONENT - CONNECTORS FOR USE IN DATA, SIGNAL, CONTROL AND POWER APPLICATIONS

HIROSE ELECTRIC CO LTD Yokohama, Japan

Recognized Company: HIROSE ELECTRIC CO LTD

Copyright © 2013 Underwriters Laboratories Inc.

UL LLC authorizes the above named company to reproduce this Report only for purposes as described in the Conclusion. The Report should be reproduced in its entirety; however to protect confidential product information, the Construction Details Descriptive pages may be excluded.

File E52653 Vol. 2 Sec. 20 Page 1 Issued: 2013-05-23 and Report Revised: 2019-11-15

DESCRIPTION

PRODUCT COVERED:

USR, CNR Component connectors, **Series PS3**; Plug connector, Cat. No. PS3-2UP. Receptacle connector, Cat. No. PS3-2US.

USR, CNR Component connectors, Series PS3C;

Male connector, Cat. Nos. PS3C-X-1UP, where X maybe A or B indicating polarization/keying.

Receptacle connector, Cat. Nos. PS3C-X-1US, where X maybe either A or B, indicating polarization/keying.

USR, CNR Component connectors, Series PS3CS;
Plug connector, Cat. Nos. PS3CS-A-1UP or PS3CS-B-1UP.
Receptacle connector, Cat. Nos. PS3CS-A-1US, PS3CS-B-1US, PS3CS-TO-A-1US or PS3CS-TO-B-1US.

GENERAL:

These devices are **single or** multi-pole connectors intended for factory assembly where the acceptability of combinations is determined by UL LLC. The devices are identified as follows:

USR indicates investigation to United States Standards, UL 1977.

CNR indicates investigation to Canadian National Standards, C22.2 No. 182.3.

*