



DAVID GILLIES  
 THE DATA CABLE CO INC  
 31 ROBB BLVD  
 ORANGEVILLE  
 ON L9W 3L1 CANADA

Date: 2020/03/06  
 Subscriber: 558792001  
 PartySite: 621682  
 File No: E131631  
 Project No: 4789402826  
 PD No: 20012121  
 Type: R  
 PO Number:

Subject: **Procedure And/Or Report Material**

The following material resulting from the investigation under the above numbers is enclosed.

**Issue**

<u>Date</u>	<u>Vol</u>	<u>Sec</u>	<u>Pages</u>	<u>Revised Date</u>
	1		Revised Authorization Page(s)	2020/03/05
	1		Index Page(s)	
	1		Rec Comp Mark Data Pgs	
1990/03/07	1	1	Cert of Compliance	
1990/03/07	1	1	Revised Description Page(s) 1,2	2020/03/05
1990/03/07	1	1	New Test Record 2	2020/03/05

PO# David Gilles 2/28/2020.

Inspections at your plant will be conducted under the supervision of George Dudkowski, UL INSPECTION CENTER CANADA, UNDERWRITERS LABORATORIES OF CANADA, 7 UNDERWRITERS RD, TORONTO, ON, Canada, M1R 3A9.,

PHONE: 416-577-6168, FAX: 416-757-8915,

EMAIL: George.R.Dudkowski@ul.com

Please file revised pages and illustrations in place of material of like identity. New material should be filed in its proper numerical order.

NOTE: Follow-Up Service Procedure revisions DO NOT include Cover Pages, Test Records and Conclusion Pages. Report revisions DO NOT include Authorization Pages, Indices, Section General Pages and Appendixes.

Please review this material and report any inaccuracies to UL's Customer Service Professionals. Contact information for all of UL's global offices can be found at <http://ul.com/aboutul/locations>.

If you'd like to receive updated materials FASTER, UL offers electronic access and/or delivery of this material. For more details, contact UL's Customer Service Professionals as shown above.

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TRT File

UL INSPECTION CENTER 111





File E131631

Vol 1

Auth. Page 1

Issued: 1990-02-16

Revised: 2020-03-04

FOLLOW-UP SERVICE PROCEDURE  
(TYPE L)

COMPONENT - WIRING HARNESSSES  
(ZPFW2,ZPFW8)

Manufacturer: SEE ADDENDUM FOR MANUFACTURER LOCATIONS

Applicant: 621682 (Party Site)  
(558792-001) THE DATA CABLE CO INC  
31 Robb Blvd  
Orangeville  
On L9W 3L1 CANADA

Recognized Co.: 621682 (Party Site)  
(558792-001) SAME AS APPLICANT

Use of the Mark

This Follow-Up Service Procedure authorizes the above Manufacturer(s) to use the marking specified by UL LLC, or any authorized licensee of UL LLC, including the UL Contracting Party, only on products when constructed, tested and found to be in compliance with the requirements of this Follow-Up Service Procedure and in accordance with the terms of the applicable service agreement with UL Contracting Party. The UL Contracting Party for Follow-Up Services is listed in the addendum to this Follow-Up Service Procedure ("UL Contracting Party"). UL Contracting Party and UL LLC are referred to jointly herein as "UL."

It is the responsibility of the Applicant, Manufacturer(s), and Recognized Company to make sure that only the products meeting the aforementioned requirements bear the authorized Marks of UL LLC, or any authorized licensee of UL LLC.

### Additional Responsibilities

Additional responsibilities, duties and requirements for the Applicant and Manufacturers are defined under Additional Resources at the following web-site: <http://www.ul.com/fus>. Manufacturers without Internet access may obtain the current version of these documents from their local UL customer service representative or UL field representative. For assistance, or to obtain a paper copy of these documents or the Follow-Up Service Terms referenced below, please contact UL's Customer Service at <http://www.ul.com/aboutul/locations/>, select a location and enter your request, or call the number listed for that location.

### Acceptance of Follow-Up Services

The Applicant and the specified Manufacturer(s) and any Recognized Company in this Follow-Up Service Procedure must agree to receive Follow-Up Services from UL Contracting Party. If your applicable service agreement is a Global Services Agreement ("GSA"), the Applicant, the specified Manufacturer(s) and any Recognized Company will be bound to a Service Agreement for Follow-Up Services upon the earliest by any Subscriber of a) use of the prescribed UL Mark, b) acceptance of the factory inspection, or c) payment of the Follow-Up Service fees. The Service Agreement incorporates such GSA, this Follow-Up Service Procedure and the Follow-Up Service Terms which can be accessed by clicking the following link: <http://services.ul.com/fus-service-terms>. In all other events, Follow-Up Services will be governed by and incorporate the terms of your applicable service agreement and this Follow-Up Service Procedure.

### Use and Ownership of the Follow-Up Service Procedure

This Follow-Up Service Procedure, and any subsequent revisions, is the property of UL and is not transferable. This Follow-Up Service Procedure contains confidential information for use only by the Applicant, the specified Manufacturer(s), and representatives of UL and is not to be used for any other purpose. It is provided to the Subscribers with the understanding that it is not to be copied, either wholly or in part unless specifically allowed, and that it will be returned to UL, upon request.

### Definition of Terms

Capitalized terms used but not defined herein have the meanings set forth in the GSA and the applicable Service Terms or any other applicable UL service agreement.

### No Third Party Liability

UL shall not incur any obligation or liability for any loss, expense or damages, including incidental, consequential or punitive damages arising out of or in connection with the use or reliance upon this Follow-Up Service Procedure to anyone other than the above Manufacturer(s) as provided in the agreement between UL LLC or an authorized licensee of UL LLC, including UL Contracting Party, and the Manufacturer(s).

### Certification Body

UL LLC has signed below solely in its capacity as the certification body to indicate that this Follow-Up Service Procedure fulfills the requirements for certification documentation issued by the certification body.

Bruce A. Mahrenholz  
Director  
Conformity Assessment Programs (CPO)  
UL LLC

LOCATION

(558792-001) 621682 (Party Site)  
THE DATA CABLE CO INC  
31 Robb Blvd  
Orangeville  
On L9W 3L1 CANADA

Factory ID:

UL Contracting Party for above site is: Underwriters Laboratories of Canada Inc.

## INDEX

Product	Section	USR	CNR
Wiring Harnesses	1	X	X

USR - United States Standard, UnListed Component

CNR - Canadian National Standard, UnListed Component

X - Indicates active

Recognized Component Marking Data Page (RCMDP)

(FILE IMMEDIATELY AFTER AUTHORIZATION PAGE)

RECOGNIZED COMPONENT MARKING

Products Recognized under UL's Component Recognition Service are identified by marking elements consisting of:

1. The Recognized Company's identification specified in this document.
2. A catalog, model or other applicable product designation specified in the descriptive sections of this document.
3. The UL Recognized Component Mark shown below.

Only those components, which actually bear the Marking, should be considered as being covered under the Recognition Program. The UL Listing or Classification Mark is not authorized for use on or in connection with Recognized Components.

RECOGNIZED COMPONENT MARK



Minimum size of the Recognized Component Mark is not specified as long as it is legible. Minimum height of the registered symbol ® shall be 3/64 inch but may be omitted if it is out of proportion to the Recognized Component Mark or not legible to the naked eye.

The manufacturer may reproduce the Mark electronically. Any decision regarding the acceptability of the manufacturer's Mark reproduction will be made at the Reviewing Office.

Recognized Component Marking Data Page (RCMDP)

(File Immediately After Authorization Page)

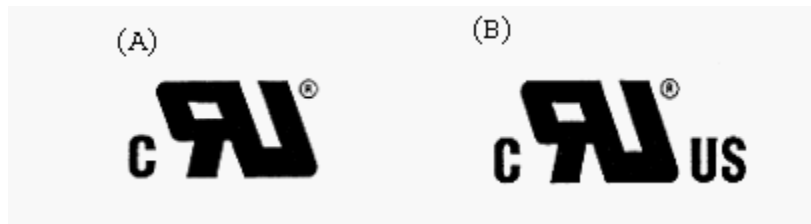
RECOGNIZED COMPONENT MARKING

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1. The Recognized Company's identification specified in this document.
2. A catalog, model or other applicable product designation specified in the descriptive sections of this document.
3. The UL Recognized Component Mark shown below:
  - (A) Recognized only to Canadian safety requirements, or;
  - (B) Recognized to both U.S. and Canadian safety requirements.

Only those components, which actually bear the Marking, should be considered as being covered under the Recognition Program. The UL Listing or Classification Mark is not authorized for use on or in connection with Recognized Components.

Recognized Component Mark



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The manufacturer may reproduce the Mark electronically. Any decision regarding the acceptability of the manufacturer's Mark reproduction will be made at the Reviewing Office.



DESCRIPTIONPRODUCT COVERED:

**USR, CNR Component** - Wiring harnesses.

**TECHNICAL ENGINEERING CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE USE):**

**CNR indicates investigations to the following Canadian requirements for wiring harnesses: CSA INFORMS Wiring Harnesses No. 2 dated 29 October 2010.**

Notice to End-Use Engineer - The wiring harness components covered by this Report have not been investigated for use in any equipment. The material is essentially a general description of the assembly, which has been prepared to enable identification of parts in a harness which is manufactured at one location and shipped to another. All components must be examined, fully described or otherwise identified, and possibly tested in the final application. The conditions of acceptability are of a general nature only and items critical to acceptance in the final application may have been omitted. Accordingly, it is necessary to fully evaluate these wiring harnesses under the requirements of the end-use category.

## Consideration in Evaluation of End Products -

\* 1. Wiring harnesses which comply with the wiring harness diagram or description may be provided with a Component Recognition Marking, but the acceptability of the Recognized Component harness in equipment Listed by **UL LLC** and the suitability of the harness diagram or equivalent description is dependent on the requirements applicable to the equipment itself.

2. The conditions of acceptability for individual components are included in the description of the component.

3. **The wiring harness diagram is not required to be covered in the end use FUS Procedure or limit/restrict the types of components used in a wiring harness as long as the information/component descriptions contained on the wiring harness diagram prepared by the end use manufacturer are consistent with the information/component descriptions provided in the end product FUS Procedure.**

\*

4. If the end use product engineer chooses to include a wiring harness diagram in the end use FUS Procedure, the end product engineer should ascertain that the wiring harness specifies the items of construction considered essential for compliance of the harness with the requirements of the end product. For example, if 600 V wiring is needed in the end product, this should be specified on the wiring diagram or in the description.

\* 5. Where terminations or splices are insulated by means of Recognized insulating tubing applied by chemical dilation, heat shrinking, or heat sealing, the suitability of the insulation thickness is to be determined in the end use product. The acceptability of the damage caused to the conductor insulation by the heat-bonding process is to be determined in the final application.

\* 6. The wiring harnesses covered in this file are intended solely as factory-installed components of other equipment where the acceptability is to be determined by UL LLC. These wiring harnesses are not intended for field installation.

7. The Wiring Harness Manufacturer should only conduct tests covered in the Wiring Harness Manufacturer's FUS Procedure and not tests that are required at the end use manufacturer (per the end use manufacturer's FUS Procedure).

8. The wiring harness program does not cover assemblies for which an established UL Product Category already exists; i.e., an unlisted transformer with leads, integral or otherwise, cannot be a wiring harness if the end use FUS Procedure requires the use of a Listed, Classified, or Recognized transformer.

9. Assemblies employing molded on fittings shall be covered under the Standard for Cord Sets and Power Supply Cords, UL 817 and CSA C22.2 No. 21.

# CERTIFICATE OF COMPLIANCE

**Certificate Number** E131631  
**Report Reference** E131631-19900307  
**Issue Date** 2020-MARCH-06

**Issued to:** THE DATA CABLE CO INC  
31 Robb Blvd  
Orangeville  
On L9W 3L1 CANADA

**This certificate confirms that representative samples of** COMPONENT - WIRING HARNESSSES  
General Coverage

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.

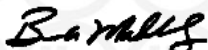
**Standard(s) for Safety:** Wiring Harnesses, UL Subject 764 and CSA Informs Wiring Harnesses No. 2,

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

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.



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 <http://ul.com/aboutul/locations/>



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TEST RECORD NO. 1

No tests were necessary to extend CNR Recognition to the Wiring Harnesses covered by this Report; Recognition is based on material traceability. This is a traceability program only for general wiring harnesses.

TEST RECORD SUMMARY:

The results of this investigation, including construction review and testing, indicate that the products evaluated comply with the applicable requirements in Wiring Harnesses, UL Subject 764, dated June 1, 2009, and CSA Informs Wiring Harnesses No. 2, dated October 29, 2010 and therefore, such products are judged eligible to bear Recognition Markings as described on the Conclusion Page of this Report.

Test Record by,

Linda Runkle  
Staff Engineering Associate

Reviewed by,

James W. Lee  
Staff Engineer