

CERTIFICATE OF COMPLIANCE

Certificate Number 20180922-E129884
Report Reference E129884-19990913
Issue Date 2018-SEPTEMBER-22

Issued to: INTERNATIONAL HYDRAULICS INC
7638 ST CLAIR AVE
MENTOR OH 44060


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

WIRE CONNECTORS AND SOLDERING LUGS
Pressure terminal connectors 2S Series, Cat Nos. 2S1/0,
2S2/0,2S250,2S350,2SL350,2S500,2SL500,2S600,
2S750

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

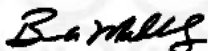
Standard(s) for Safety: Wire Connectors, UL 486A-486B
Additional Information: See the UL Online Certifications Directory at
www.ul.com/database for additional information

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/>



Certificate of Compliance

Certificate Number:

UL-US-L129884-12-
31909991-1

Report Reference:

E129884-19990913

Issue Date:

2025-01-07

Issued to:

INTERNATIONAL HYDRAULICS INC
7638 SAINT CLAIR AVE MENTOR, OH 44060-5236
United States

This certificate confirms that representative samples of:
ZMVV - Wire Connectors and Soldering Lugs

See Addendum Page for Product Designation(s).

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

UL 486A-486B, Edition 3, Issue Date 2018-04-27, Revision Date 2023-07-20

Additional Information:

See UL Product iQ® 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 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 Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.



A handwritten signature in black ink that reads 'David Piecuch'.

David Piecuch
UL Mark Certification Program Owner

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CERTIFICATE OF COMPLIANCE

Certificate number UL-US-L129884-12-31909991-1
Report reference E129884-19990913
Date 2025-01-07

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

Model	Product Description
2S2/0	Wire Connectors and Soldering Lugs
2SL350	Wire Connectors and Soldering Lugs
2SL500	Wire Connectors and Soldering Lugs



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Certificate of Compliance

Certificate Number:

UL-CA-2436938-0

Report Reference:

E129884-19990913

Issue Date:

2025-01-07

Issued to:

**INTERNATIONAL HYDRAULICS INC
7638 SAINT CLAIR AVE MENTOR, OH 44060-5236
United States**

This certificate confirms that representative samples of:

**ZMVV7 - Wire Connectors and Soldering Lugs Certified for
Canada**

See Addendum Page for Product Designation(s).

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

CAN/CSA-C22.2 No. 65-18, 6th Ed., Revision Date: 2023-07-20

Additional Information:

See UL Product iQ® 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 Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

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CERTIFICATE OF COMPLIANCE

Certificate number UL-CA-2436938-0
Report reference E129884-19990913
Date 2025-01-07

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

Model	Product Description
2S2/0	Wire Connectors and Soldering Lugs



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Certificate of Compliance

Certificate: 1243943

Master Contract: 200116 (LR 116214)

Project: 80047363

Date Issued: 2020-07-17

Issued To: International Hydraulics, Inc.
7638 St Clair Ave
Mentor, Ohio, 44060
United States

Attention: Chas Ridley

The products listed below are eligible to bear the CSA Mark shown



Michael Chung
Issued by: Michael Chung

PRODUCTS

CLASS 6223 02 - WIRE CONNECTING DEVICES - Wire Connectors

Wire connectors Cat Nos S6, S6-4, S4, S4A1, S4A2, S2, S1/0, S2/0, S2/0-3, S250, S250-3, S250-4, S300, S350, S500, S500-5, S600, 2S1/0, 2S2/0, 2S250, 2S350, 2S600, 2S750 for use with copper and aluminum conductors, rated AL9CU.

Wire connectors Cat Nos 3611-1, 3611-2, 3611-3, 3611-4, S4-3, S4-3-1, S4-3-2, S4-3-3, S4-3-4, S6-3, S250N, S300N, S500N, S600N, S800 for use with copper and aluminum conductors, rated AL7CU.

APPLICABLE REQUIREMENTS

CAN/CSA C22.2 No. 65-18, 6th Ed - Wire Connectors



Supplement to Certificate of Compliance

Certificate: 1243943

Master Contract: 200116 (LR 116214)

The products listed, including the latest revision described below, are eligible to be marked in accordance with the referenced Certificate.

Product Certification History

Project	Date	Description
80047363	2020-07-17	Cat No 2S2/0 two alternate constructions.
000070211538	2019-03-20	Cat No S2 add wire size and ferrules; add Cat Nos 2SL350, 2SL500
000070208817	2019-03-13	Add Cat Nos 3611-1, 3611-2, 3611-3, 3611-4, S4-3-1, S4-3-2, S4-3-3, S4-3-4; Cat Nos S4, S4-3 add multiple wire combinations.
000070169760	2018-01-09	Add blank tang construction
000070136077	2017-05-23	Addition of alternate constructions: (style 6) to Cat. No. S6, (Style 2, 3, 4) to Cat. No. S6-3, (style 2, 3, 4) to Cat. No. S4-3, (style 8, 9) to Cat. No. S2-0 and (style 4, 5, 6, 7, 8) to Cat. No. 2S750 multi wire connector.
000070077085	2016-05-09	Addition of alternate constructions: (style 8, 9, 10, 11, 12, 13 and 14) to the Cat. No. S300 and (style 8, 9, 10, 11, 12, 13 and 14) to the Cat. No. S300N multi wire connector.
000070059066	2016-01-06	Addition of alternate constructions (style 2C, 2D, 2D1 and 4) to the Cat. No. S2 multi wire connector.
000070050668	2015-10-20	Addition of alternate constructions (style 3,4,5 and 6) to the 2S2/0 multi wire connector.
000070037381	2015-07-13	Addition of alternate constructions (style 6, 7, 8 and 9) to the 2S350 multi wire connector.
000070035535	2015-06-18	Addition of an alternate construction (style 2B) to the S2 multi wire connector
0002736483	2014-09-05	Addition of alternate construction for 2S600 connector
0002667615	2013-11-11	Addition of new Cu wire ranges for S2/0, S250, S250N, S300, S300N, S500, S500N, S600, S600N, 2S2/0, 2S250, 2S350, and 2S600



0002634439	2013-09-26	Update file to include addition of S250N, S300N, S500N, S600N wire connectors, compact stranded Cu test data review
0002625026	2013-05-16	Addition of alternate construction for 2S350 wire connector
0002580754	2012-12-14	Revision of wire size ranges for S1/0, 2S1/0, S250, 2S250 wire connectors
0002515909	2012-05-23	Addition of wire connector S6-4, update to figures for S21/0 and 2S2/0
0002150509	2009-04-14	Additional wire connector, Cat. No. S6-3; alternate screw, revisions and corrections.
0001970370	2007-11-07	Alternate screw material, optional connector feature and revisions to S Series connectors.
0001595183	2004-09-21	Update to Project 1243943 to cover alternate screw of Cat. No. S2