

# CERTIFICATE OF COMPLIANCE

**Certificate Number** UL-US-2212169-0  
**Report Reference** E131881-A6734-UL  
**Date** 30-Mar-2022

**Issued to:** DELTA ELECTRONICS INC  
3 Tungyuan Road  
Chungli Industrial Zone Taoyuan City 32063  
Taiwan

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

QQJQ2 - Power Supplies for Use with Audio/Video,  
Information and Communication Technology Equipment -  
Component  
See Addendum Page for Product Designation(s).

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 62368-1, 3rd Ed., Issue Date: 2019-12-13

**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

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




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**Certificate Number** UL-US-2212169-0  
**Report Reference** E131881-A6734-UL  
**Date** 30-Mar-2022

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

<b>Model</b>	<b>Category Description</b>
DRF-24V480W1GBAx1x2, (x1, x2 can be any alphanumeric character or blank)	SWITCHING POWER SUPPLY
DRF-480Z24V1GBx1x2x3, (x1, x2, x3 can be any alphanumeric character or blank)	SWITCHING POWER SUPPLY
DRF-480Z48V1GBx1x2x3, (x1, x2, x3 can be any alphanumeric character or blank)	SWITCHING POWER SUPPLY
DRF-48V480W1GBAx1x2, (x1, x2 can be any alphanumeric character or blank)	SWITCHING POWER SUPPLY
DRL-24V480W1ENx1x2, (x1, x2 can be any alphanumeric character or blank)	SWITCHING POWER SUPPLY
DRL-480Z24V1ENx1x2x3, (x1, x2, x3 can be any alphanumeric character or blank)	SWITCHING POWER SUPPLY
DRL-480Z48V1ENx1x2x3, (x1, x2, x3 can be any alphanumeric character or blank)	SWITCHING POWER SUPPLY
DRL-48V480W1ENx1x2, (x1, x2 can be any alphanumeric character or blank)	SWITCHING POWER SUPPLY



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# CERTIFICATE OF COMPLIANCE

**Certificate Number** UL-CA-2211620-0  
**Report Reference** E131881-A6734-UL  
**Date** 30-Mar-2022

**Issued to:** DELTA ELECTRONICS INC  
3 Tungyuan Road  
Chungli Industrial Zone Taoyuan City 32063  
Taiwan

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

QQJQ8 - Power Supplies for Use with Audio/Video,  
Information and Communication Technology Equipment  
Certified for Canada - Component

See Addendum Page for Product Designation(s).

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:** CSA C22.2 NO. 62368-1, 3rd Ed., Issue Date: 2019-12-13

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

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# CERTIFICATE OF COMPLIANCE

**Certificate Number** UL-CA-2211620-0  
**Report Reference** E131881-A6734-UL  
**Date** 30-Mar-2022

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

<b>Model</b>	<b>Category Description</b>
DRF-24V480W1GBAx1x2, (x1, x2 can be any alphanumeric character or blank)	SWITCHING POWER SUPPLY
DRF-480Z24V1GBx1x2x3, (x1, x2, x3 can be any alphanumeric character or blank)	SWITCHING POWER SUPPLY
DRF-480Z48V1GBx1x2x3, (x1, x2, x3 can be any alphanumeric character or blank)	SWITCHING POWER SUPPLY
DRF-48V480W1GBAx1x2, (x1, x2 can be any alphanumeric character or blank)	SWITCHING POWER SUPPLY
DRL-24V480W1ENx1x2, (x1, x2 can be any alphanumeric character or blank)	SWITCHING POWER SUPPLY
DRL-480Z24V1ENx1x2x3, (x1, x2, x3 can be any alphanumeric character or blank)	SWITCHING POWER SUPPLY
DRL-480Z48V1ENx1x2x3, (x1, x2, x3 can be any alphanumeric character or blank)	SWITCHING POWER SUPPLY
DRL-48V480W1ENx1x2, (x1, x2 can be any alphanumeric character or blank)	SWITCHING POWER SUPPLY



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# CERTIFICATE OF COMPLIANCE

**Certificate Number** 2022-04-01-E338991  
**Report Reference** E338991-D1017-1/A0/C0-UL  
**Date** 2022-04-01

**Issued to:** Delta Electronics, Inc.  
**Applicant Company:** 3 Tungyuan Road, Chungli Industrial Zone, Taoyuan City  
32063 Taiwan

**Listed Company:** Same as Applicant

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

Switching Power Supply  
DRL-24V480W1ENx1x2, DRL-48V480W1ENx1x2, DRF-  
24V480W1GBAx1x2, DRF-48V480W1GBAx1x2(x1, x2 can be  
any alphanumeric character or blank), DRL-  
480Z24V1ENx1x2x3, DRL-480Z48V1ENx1x2x3, DRF-  
480Z24V1GBx1x2x3, DRF-480Z48V1GBx1x2x3(x1, x2, x3 can  
be any alphanumeric character or blank).

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

**Standard(s) for Safety:** UL 61010-1, 3rd Edition, May 11, 2012, Revision Date  
07/19/2019 CAN/CSA-C22.2 No. 61010-1-12, 3rd Edition,  
Revision date 11/2018

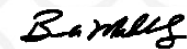
**Additional Standards:** UL 61010-2-201, Secondary edition, date May 14, 2018;  
CAN/CSA 61010-2-201 Secondary edition, date Feb. 2018;  
IEC 61010-2-201, 2nd Edition, date March, 2017  
EN IEC 61010-2-201:2018.

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

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