# CERTIFICATE OF COMPLIANCE

| | |
|---|---|
| **Certificate Number** | UL-US-L214129-31-72201002-5 |
| **Report Reference** | E214129-20010227 |
| **Date** | 29-Nov-2022 |
| **Issued to:** | EVERLIGHT ELECTRONICS CO LTD<br>6-8 ZHONGHUA RD SHULIN DISTRICT NEW TAIPEI 23860<br>Taiwan |
| **This is to certify that representative samples of** | FPQU2 - Optical Isolators - Component<br>See Addendum Page for Product Designation(s). |

performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

| | |
|---|---|
| **Standard(s) for Safety:** | UL 1577, 5th Ed, Issue Date: 2014-04-25, Revision Date: 2019-06-11 |
| **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.

Deborah Jennings-Conner, VP Regulatory Services

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# CERTIFICATE OF COMPLIANCE

**Certificate Number** UL-US-L214129-31-72201002-5
**Report Reference**

# CERTIFICATE OF COMPLIANCE

**Certificate Number** UL-US-L214129-31-72201002-5
**Report Reference** E214129-20010227
**Date** 29-Nov-2022

| | |
|---|---|
| EL124 | Double protection optical isolators, providing 3750 Vac isolation |
| EL124N | Double protection optical isolators, providing 3750 Vac isolation |
| EL151 | Double protection optical isolators, providing 5000 vac isolation |
| EL161 | Double protection optical isolators, providing 5000 vac isolation |
| EL205 | Double protection optical isolators, providing 3750 Vac isolation |
| EL206 | Double protection optical isolators, providing 3750 Vac isolation |
| EL207 | Double protection optical isolators, providing 3750 Vac isolation |
| EL208 | Double protection optical isolators, providing 3750 Vac isolation |
| EL211 | Double protection optical isolators, providing 3750 Vac isolation |
| EL212 | Double protection optical isolators, providing 3750 Vac isolation |
| EL213 | Double protection optical isolators, providing 3750 Vac isolation |
| EL215 | Double protection optical isolators, providing 3750 Vac isolation |
| EL216 | Double protection optical isolators, providing 3750 Vac isolation |
| EL217 | Double protection optical isolators, providing 3750 Vac isolation |
| EL2501 | Double protection optical isolators, providing 5000 vac isolation |
| EL2514 | Double protection optical isolators, providing 5000 vac isolation |
| EL2561 | Double protection optical isolators, providing 5000 vac isolation |
| EL2701 | Double protection optical isolators, providing 3750 Vac isolation |
| EL2701N | Double protection optical isolators, providing 3750 Vac isolation |
| EL2705 | Double protection optical isolators, providing 3750 Vac isolation |
| EL2705N | Double protection optical isolators, providing 3750 Vac isolation |
| EL280 | Double protection optical isolators, providing 3750 Vac isolation |
| EL2801 | Double protection optical isolators, providing 3750 Vac isolation |

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# CERTIFICATE OF COMPLIANCE

**Certificate Number** UL-US-L214129-31-72201002-5
**Report Reference** E214129-20010227
**Date** 29-Nov-2022

| | |
|---|---|
| EL281 | Double protection optical isolators, providing 3750 Vac isolation |
| EL2X14, may be followed by any letters or numbers | Double protection optical isolators at 5000 Vac isolation voltage |
| EL3010 | Double protection optical isolators, providing 5000 vac isolation |
| EL3011 | Double protection optical isolators, providing 5000 vac isolation |
| EL3012 | Double protection optical isolators, providing 5000 vac isolation |
| EL3013 | Double protection optical isolators, providing 5000 vac isolation |
| EL3014 | Double protection optical isolators, providing 5000 vac isolation |
| EL3020 | Double protection optical isolators, providing 5000 vac isolation |
| EL3021 | Double protection optical isolators, providing 5000 vac isolation |
| EL3022 | Double protection optical isolators, providing 5000 vac isolation |
| EL3023 | Double protection optical isolators, providing 5000 vac isolation |
| EL3024 | Double protection optical isolators, providing 5000 vac isolation |
| EL3030 | Double protection optical isolators, providing 5000 vac isolation |
| EL3031 | Double protection optical isolators, providing 5000 vac isolation |
| EL3032 | Double protection optical isolators, providing 5000 vac isolation |
| EL3033 | Double protection optical isolators, providing 5000 vac isolation |
| EL3034 | Double protection optical isolators, providing 5000 vac isolation |
| EL3040 | Double protection optical isolators, providing 5000 vac isolation |
| EL3041 | Double protection optical isolators, providing 5000 vac isolation |
| EL3042 | Double protection optical isolators, providing 5000 vac isolation |
| EL3043 | Double protection optical isolators, providing 5000 vac isolation |
| EL3044 | Double protection optical isolators, providing 5000 vac isolation |
| EL3050 | Double protection optical isolators, providing 5000 vac isolation |

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| **Certificate Number** | UL-US-L214129-31-72201002-5 |
| **Report Reference** | E214129-20010227 |
| **Date** | 29-Nov-2022 |

Deborah Jennings-Conner, (R)ETgTct02 uTct02 ltoTct02 26T02 yTJET 829 ( S)1.2 23 662Tm(v)4.9 (i)-T/TTc/TT0 1 Tf4.980 0 4.988.78Tm(-)TETQ45 9.44 91.5 68 WB/ T0 1

# CERTIFICATE OF COMPLIANCE

**Certificate Number** UL-US-L214129-31-72201002-5
**Report Reference** E214129-20010227
**Date** 29-Nov-2022

| | |
|---|---|
| EL354L | Double protection optical isolators, providing 5000 vac isolation |
| EL354N | Double protection optical isolators, providing 3750 Vac isolation |
| EL354NU | Double protection optical isolators, providing 3750 vac isolation |
| EL355 | Double protection optical isolators, providing 3750 Vac isolation |
| EL355L | Double protection optical isolators, providing 5000 vac isolation |
| EL356 | Double protection optical isolators, providing 3750 Vac isolation |
| EL356N | Double protection optical isolators, providing 3750 Vac isolation |
| EL357 | Double protection optical isolators, providing 3750 Vac isolation |
| EL3571N | Double protection optical isolators, providing 3750 vac isolation |
| EL357L | Double protection optical isolators, providing 5000 vac isolation |
| EL357N | Double protection optical isolators, providing 3750 Vac isolation |
| EL357NH | Double protection optical isolators, providing 3750 vac isolation |
| EL357NL | Double protection optical isolators, providing 3750 vac isolation |
| EL357NU | Double protection optical isolators, providing 3750 vac isolation |
| EL359 | Double protection optical isolators, providing 3750 Vac isolation |
| EL35XN, may be followed by any letters or numbers | Double protection optical isolators at 3750 Vac isolation voltage |
| EL3H4 | Double protection optical isolators, providing 3750 Vac isolation |
| EL3H4U | Double protection optical isolators, providing 3750 vac isolation |
| EL3H5 | Double protection optical isolators at 3750 Vac isolation voltage |
| EL3H7 | Double protection optical isolators, providing 3750 Vac isolation |
| EL3H71 | Double protection optical isolators, providing 3750 Vac isolation |
| EL3H7H | Double protection optical isolators, providing 3750 vac isolation |
| EL3H7L | Double protection optical isolators, providing 3750 vac isolation |

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# CERTIFICATE OF COMPLIANCE

**Certificate Number** UL-US-L214129-31-72201002-5
**Report Reference** E214129-20010227
**Date** 29-Nov-2022

| | |
|---|---|
| EL3H7U | Double protection optical isolators, providing 3750 vac isolation |
| EL3HX, may be followed by any letters or numbers | Double protection optical isolators at 3750 Vac isolation voltage |
| EL610 | Double protection optical isolators, providing 5000 vac isolation |
| EL617 | Double protection optical isolators, providing 5000 vac isolation |
| EL717 | Double protection optical isolators, providing 5000 vac isolation |
| EL727 | Double protection optical isolators, providing 5000 vac isolation |
| EL78X0, may be followed by any letters or numbers | Double protection optical isolators at 5000 Vac isolation voltage |
| EL7X7% | Double Protection Optical isolators |
| EL814 | Double protection optical isolators, providing 5000 vac isolation |
| EL815 | Double protection optical isolators, providing 5000 vac isolation |
| EL816 | Double protection optical isolators, providing 5000 vac isolation |
| EL817 | Double protection optical isolators, providing 5000 vac isolation |
| EL8171 | Double protection optical isolators, providing 5000 vac isolation |
| EL817H | Double protection optical isolators, providing 5000 vac isolation |
| EL817L | Double protection optical isolators, providing 5000 vac isolation |
| EL819 | Double protection optical isolators, providing 5000 vac isolation |
| EL824 | Double protection optical isolators, providing 5000 vac isolation |
| EL825 | Double protection optical isolators, providing 5000 vac isolation |
| EL826 | Double protection optical isolators, providing 5000 vac isolation |
| EL827 | Double protection optical isolators, providing 5000 vac isolation |
| EL829 | Double protection optical isolators, providing 5000 vac isolation |
| EL844 | Double protection optical isolators, providing 5000 vac isolation |
| EL845 | Double protection optical isolators, providing 5000 vac isolation |

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# CERTIFICATE OF COMPLIANCE

**Certificate Number** UL-US-L214129-31-72201002-5
**Report Reference** E214129-20010227
**Date** 29-Nov-2022

| | |
|---|---|
| EL847 | Double protection optical isolators, providing 5000 vac isolation |
| EL8X4% | Double Protection Optical isolators |
| EL8X5% | Double Protection Optical isolators |
| EL8X6% | Double Protection Optical isolators |
| EL8X7% | Double Protection Optical isolators |
| EL8X9% | Double Protection Optical isolators |
| EL9001 | Double protection optical isolators, providing 5000 vac isolation |
| ELC10X, may be followed by any letters or numbers | Double protection optical isolators at 3750 Vac isolation voltage |
| ELC35XN, may be followed by any letters or numbers | Double protection optical isolators at 3750 Vac isolation voltage |
| ELC3HX, may be followed by any letters or numbers | Double protection optical isolators at 3750 Vac isolation voltage |
| ELD205 | Double protection optical isolators, providing 3750 Vac isolation |
| ELD206 | Double protection optical isolators, providing 3750 Vac isolation |
| ELD207 | Double protection optical isolators, providing 3750 Vac isolation |
| ELD208 | Double protection optical isolators, providing 3750 Vac isolation |
| ELD211 | Double protection optical isolators, providing 3750 Vac isolation |
| ELD213 | Double protection optical isolators, providing 3750 Vac isolation |
| ELD217 | Double protection optical isolators, providing 3750 Vac isolation |
| ELD3H4 | Double protection optical isolators, providing 3750 Vac isolation |
| ELD3H5 | Double protection optical isolators, providing 3750 Vac isolation |
| ELD3H6 | Double protection optical isolators, providing 3750 Vac isolation |
| ELD3H7 | Double protection optical isolators, providing 3750 Vac isolation |
| ELM4 | Double protection optical isolators, providing 5000 vac isolation |
| ELM6 | Double protection optical isolators, providing 5000 vac isolation |
| ELQ3H4 | Double protection optical isolators, providing 3750 Vac isolation |
| ELQ3H5 | Double protection optical isolators, providing 3750 Vac isolation |

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# CERTIFICATE OF COMPLIANCE

**Certificate Number** UL-US-L214129-31-72201002-5
**Report Reference** E214129-20010227
**Date** 29-Nov-2022

| | |
|---|---|
| ELQ3H7 | Double protection optical isolators, providing 3750 Vac isolation |
| EV101U | Double protection optical isolators, providing 3750 vac isolation |
| EV354NU | Double protection optical isolators, providing 3750 vac isolation |

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# CERTIFICATE OF COMPLIANCE

**Certificate Number** UL-US-L214129-31-72201002-5
**Report Reference** E214129-20010227
**Date** 29-Nov-2022

| | |
|---|---|
| MOC119 | Double protection optical isolators, providing 5000 vac isolation |
| MOC8020 | Double protection optical isolators, providing 5000 vac isolation |
| MOC8021 | Double protection optical isolators, providing 5000 vac isolation |

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# CERTIFICATE OF COMPLIANCE

| | |
|---|---|
| Certificate Number | UL-CA-L214129-41-72201002 -6 |
| Report Reference | E214129-20010227 |
| Date | 29-Nov-2022 |
| Issued to: | EVERLIGHT ELECTRONICS CO LTD<br>6-8 ZHONGHUA RD SHULIN DISTRICT NEW TAIPEI<br>23860<br>Taiwan |
| This is to certify that representative samples of | FPQU8 - Optical Isolators Certified for Canada Component<br>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 incompl in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LL |
| Standard(s) for Safety: | CSA Component Acceptance Service Notice No. 5A, Issue Date: 1998-01-23 |
| 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 certificatio 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.

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# CERTIFICATE OF COMPLIANCE

Certificate Number UL-CA-L214129-41-72201002 -6
Report Reference E214129-20010227
Date 29-Nov-2022

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

| Model | Category Description |
|---|---|
| 4N | Double protection optical isolators, providing 5000 vac isolation |
| 4N29 | Double protection optical isolators, providing 5000 vac isolation |
| 4N30 | Double protection optical isolators, providing 5000 vac isolation |
| 4N31 | Double protection optical isolators, providing 5000 vac isolation |
| 4N32 | Double protection optical isolators, providing 5000 vac isolation |
| 4N33 | Double protection optical isolators, providing 5000 vac isolation |
| 817 | Double protection optical isolators, providing 5000 vac isolation |
| CNX3 | Double protection optical isolators, providing 5000 vac isolation |
| CNY17 | Double protection optical isolators, providing 5000 vac isolation |
| CNY75 | Double protection optical isolators, providing 5000 vac isolation |
| CQY80 | Double protection optical isolators, providing 5000 vac isolation |
| EL101 | Double protection optical isolators, providing 5000 vac isolation |
| EL101L | Double protection optical isolators, providing 5000 vac isolation |
| EL101U | Double protection optical isolators, providing 3750 vac isolation |
| EL101XH% | Double protection optical isolators, providing 5000 vac isolation |
| EL10XX% | Double protection optical isolators, providing 5000 vac isolation |
| EL111 | Double protection optical isolators, providing 5000 vac isolation |
| EL121 | Double protection optical isolators, providing 3750 Vac isolation |
| EL121N | Double protection optical isolators, providing 3750 Vac isolation |

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# CERTIFICATE OF COMPLIANCE

Certificate Number UL-CA-L214129-41-72201002 -6
Report Reference E214129-20010227
Date 29-Nov-2022

| | |
|---|---|
| EL281 | Double protection optical isolators, providing 3750 Vac isolation |
| EL2X14, may be followed by any letters or numbers | Double protection optical isolators at 5000 Vac isolation voltage |
| EL3010 | Double protection optical isolators, providing 5000 vac isolation |
| EL3011 | Double protection optical isolators, providing 5000 vac isolation |
| EL3012 | Double protection optical isolators, providing 5000 vac isolation |
| EL3013 | Double protection optical isolators, providing 5000 vac isolation |
| EL3014 | Double protection optical isolators, providing 5000 vac isolation |
| EL3020 | Double protection optical isolators, providing 5000 vac isolation |
| EL3021 | Double protection optical isolators, providing 5000 vac isolation |
| EL3022 | Double protection optical isolators, providing 5000 vac isolation |
| EL3023 | Double protection optical isolators, providing 5000 vac isolation |
| EL3024 | Double protection optical isolators, providing 5000 vac isolation |
| EL3030 | Double protection optical isolator providing 5000 vac isolation |
| EL3031 | Double protection optical isolators, providing 5000 vac isolation |
| EL3032 | Double protection optical isolators, providing 5000 vac isolation |
| EL3033 | Double protection optical isolators, providing 5000 vac isolation |
| EL3034 | Double protection optical isolators, providing 5000 vac isolation |
| EL3040 | Double protection optical isolators, providing 5000 vac isolation |
| EL3041 | Double protection optical isolators, providing 5000 vac isolation |
| EL3042 | Double protection optical isolators, providing 5000 vac isolation |
| EL3043 | Double protection optical isolators, providing 5000 vac isolation |
| EL3044 | Double protection optical isolators, providing 5000 vac isolation |
| EL3050 | Double protection optical isolators, providing 5000 vac isolation |

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# CERTIFICATE OF COMPLIANCE

Certificate Number UL-CA-L214129-41-72201002 -6
Report Reference E214129-20010227
Date 29-Nov-2022

| | |
|---|---|
| EL3051 | Double protection optical isolators, providing 5000 vac isolation |
| EL3052 | Double protection optical isolators, providing 5000 vac isolation |
| EL3053 | Double protection optical isolators, providing 5000 vac isolation |
| EL3054 | Double protection optical isolators, providing 5000 vac isolation |
| EL3060 | Double protection optical isolator providing 5000 vac isolation |
| EL3061 | Double protection optical isolators, providing 5000 vac isolation |
| EL3062 | Double protection optical isolators, providing 5000 vac isolation |
| EL3063 | Double protection optical isolators, providing 5000 vac isolation |
| EL3064 | Double protection optical isolators, providing 5000 vac isolation |
| EL3070 | Double protection optical isolators, providing 5000 vac isolation |
| EL3071 | Double protection optical isolators, providing 5000 vac isolation |
| EL3072 | Double protection optical isolators, providing 5000 vac isolation |
| EL3073 | Double protection optical isolators, providing 5000 vac isolation |
| EL3074 | Double protection optical isolators, providing 5000 vac isolation |
| EL3080 | Double protection optical isolators, providing 5000 vac isolation |
| EL3081 | Double protection optical isolators, providing 5000 vac isolation |
| EL3082 | Double protection optical isolators, providing 5000 vac isolation |
| EL3083 | Double protection optical isolators, providing 5000 vac isolation |
| EL3084 | Double protection optical isolators, providing 5000 vac isolation |
| EL3161 | |

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# CERTIFICATE OF COMPLIANCE

Certificate Number UL-CA-L214129-41-72201002 -6
Report Reference E214129-20010227
Date 29-Nov-2022

| | |
|---|---|
| EL354L | Double protection optical isolators, providing 5000 Vac isolation |
| EL354N | Double protection optical isolators, providing 3750 Vac isolation |
| EL354NU | Double protection optical isolators, providing 3750 Vac isolation |
| EL355 | Double protection optical isolator, providing 3750 Vac isolation |
| EL355L | Double protection optical isolators, providing 5000 Vac isolation |
| EL356 | Double protection optical isolators, providing 3750 Vac isolation |
| EL356N | Double protection optical isolators, providing 3750 Vac isolation |
| EL357 | Double protection optical isolators, providing 3750 Vac isolation |
| EL3571N | Double protection optical isolators, providing 3750 Vac isolation |
| EL357L | Double protection optical isolators, providing 5000 Vac isolation |
| EL357N | Double protection optical isolators, providing 3750 Vac isolation |
| EL357NH | Double protection optical isolators, providing 3750 Vac isolation |
| EL357NL | Double protection optical isolators, providing 3750 Vac isolation |
| EL357NU | Double protection optical isolators, providing 3750 Vac isolation |
| EL359 | Double protection optical isolator, providing 3750 Vac isolation |
| EL35XN, may be followed by any letters or numbers | Double protection optical isolators a 375 Vac isolation voltage |
| EL3H4 | Double protection optical isolators, providing 3750 Vac isolation |
| EL3H4U | Double protection optical isolators, providing 3750 Vac isolation |
| EL3H5 | Double protection optical isolators a 375 Vac isolation voltage |
| EL3H7 | Double protection optical isolators, providing 3750 Vac isolation |
| EL3H71 | Double protection optical isolators, providing 3750 Vac isolation |
| EL3H7H | Double protection optical isolators, providing 3750 Vac isolation |
| EL3H7L | Double protection optical isolators, providing 3750 Vac isolation |

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# CERTIFICATE OF COMPLIANCE

Certificate Number UL-CA-L214129-41-722010 02 -6
Report Reference E214129-20010227
Date 29-Nov-2022

| | |
|---|---|
| EL3H7U | Double protection optical isolators, providing 3750 vac isolation |
| EL3HX, may be followed by any letters or numbers | Double protection optical isolators at 375 Vac isolation voltage |
| EL610 | Double protection optical isolators, providing 5000 vac isolation |
| EL617 | Double protection optical isolators, providing 5000 vac isolation |
| EL717 | Double protection optical isolators, providing 5000 vac isolation |
| EL727 | Double protection optical isolators, providing 5000 vac isolation |
| EL78X0, may be followed by any letters or numbers | Double protection optical isolators at 5000 Vac isolation voltage |
| EL7X7% | Double Protection Optical isolators |
| EL814 | Double protection optical isolators, providing 5000 vac isolation |
| EL815 | Double protection optical isolators, providing 5000 vac isolation |
| EL816 | Double protection optical isolators, providing 5000 vac isolation |
| EL817 | Double protection optical isolators, providing 5000 vac isolation |
| EL8171 | Double protection optical isolators, providing 5000 vac isolation |
| EL817H | Double protection optical isolators, providing 5000 vac isolation |
| EL817L | Double protection optical isolators, providing 5000 vac isolation |
| EL819 | Double protection optical isolators, providing 5000 vac isolation |
| EL824 | Double protection optical isolators, providing 5000 vac isolation |
| EL825 | Double protection optical isolators, providing 5000 vac isolation |
| EL826 | Double protection optical isolators, providing 5000 vac isolation |
| EL827 | Double protection optical isolators, providing 5000 vac isolation |
| EL829 | Double protection optical isolators, providing 5000 vac isolation |
| EL844 | Double protection optical isolators, providing 5000 vac isolation |
| EL845 | Double protection optical isolators, providing 5000 vac isolation |

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# CERTIFICATE OF COMPLIANCE

Certificate Number UL-CA-L214129-41-72201002 -6
Report Reference E214129-20010227
Date 29-Nov-2022

| | |
|---|---|
| EL847 | Double protection optical isolators, providing 5000 vac isolation |
| EL8X4% | Double Protection Optical isolators |
| EL8X5% | Double Protection Optical isolators |
| EL8X6% | Double Protection Optical isolators |
| EL8X7% | Double Protection Optical isolators |
| EL8X9% | Double Protection Optical isolators |
| EL9001 | Double protection optical isolators, providing 5000 vac isolation |
| ELC10X, may be followed by any letters or numbers | Double protection optical isolators a 375 Vac isolation voltage |
| ELC35XN, may be followed by any letters or numbers | Double protection optical isolators a 375 Vac isolation voltage |
| ELC3HX, may be followed by any letters or numbers | Double protection optical isolators a 375 Vac isolation voltage |
| ELD205 | Double protection optical isolators, providing 3750 Vac isolation |
| ELD206 | Double protection optical isolators, providing 3750 Vac isolation |
| ELD207 | Double protection optical isolator providing 3750 Vac isolation |
| ELD208 | Double protection optical isolators, providing 3750 Vac isolation |
| ELD211 | Double protection optical isolators, providing 3750 Vac isolation |
| ELD213 | Double protection optical isolators, providing 3750 Vac isolation |
| ELD217 | Double protection optical isolators, providing 3750 Vac isolation |
| ELD3H4 | Double protection optical isolators, providing 3750 Vac isolation |
| ELD3H5 | Double protection optical isolators, providing 3750 Vac isolation |
| ELD3H6 | Double protection optical isolators, providing 3750 Vac isolation |
| ELD3H7 | Double protection optical isolators, providing 3750 Vac isolation |
| ELM4 | Double protection optical isolators, providing 5000 vac isolation |
| ELM6 | Double protection optical isolators, providing 5000 vac isolation |
| ELQ3H4 | Double protection optical isolators, providing 3750 Vac isolation |
| ELQ3H5 | Double protection optical isolators, providing 3750 Vac isolation |

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# CERTIFICATE OF COMPLIANCE

Certificate Number UL-CA-L214129-41-72201002 -6
Report Reference E214129-20010227
Date 29-Nov-2022

| | |
|---|---|
| ELQ3H7 | Double protection optical isolators, providing 3750 Vac isolation |
| EV101U | Double protection optical isolators, providing 3750 vac isolation |
| EV354NU | Double protection optical isolators, providing 3750 vac isolation |
| [redacted] | Double protection optical isolators, providing 3750 vac isolation |
| [redacted] | [redacted] isolators, [redacted] ation |

# CERTIFICATE OF COMPLIANCE

Certificate Number UL-CA-L214129-41-7220 1002 -6
Report Reference E214129-20010227
Date 29-Nov-2022

| | |
|---|---|
| MOC119 | Double protection optical isolators, providing 5000 vac isolation |
| MOC8020 | Double protection optical isolators providing 5000 vac isolation |
| MOC8021 | Double protection optical isolators, providing 5000 vac isolation |
| MOC8030 | Double protection optical isolators, providing 5000 vac isolation |
| MOC8050 | Double protection optical isolators, providing 5000 vac isolation |
| MOC8080 | Double protection optical isolators, providing 5000 vac isolation |
| MOC810 | Double protection optical isolators, providing 5000 vac isolation |
| MOC811 | Double protection optical isolators, providing 5000 vac isolation |
| SL55 | Double protection optical isolators, providing 5000 vac isolation |
| TCDT110 | Double protection optical isolators, providing 5000 vac isolation |
| TCDT111 | Double protection optical isolator providing 5000 vac isolation |
| TCDT112 | Double protection optical isolators, providing 5000 vac isolation |
| TCET110 | Double protection optical isolators, providing 5000 vac isolation |
| TCET111 | Double protection optical isolators, providing 5000 vac isolation |
| TCET120 | Double protection optical isolators, providing 5000 vac isolation |
| TIL11 | Double protection optical isolators, providing 5000 vac isolation |
| TIL113 | Double protection optical isolators, providing 5000 vac isolation |
| VO610 | Double protection optical isolators, providing 5000 vac isolation |
| VO610A | Double protection optical isolators, providing 5000 vac isolation |
| VO615A | Double protection optical isolators providing 5000 vac isolation |

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# CERTIFICATE OF COMPLIANCE

| | |
|---|---|
| Certificate Number | UL-US-L214129-31-21808002-3 |
| Report Reference | E214129-20080812 |
| Date | 29-Nov-2022 |
| Issued to: | EVERLIGHT ELECTRONICS CO LTD<br>6-8 ZHONGHUA RD SHULIN DISTRICT NEW TAIPEI 23860<br>Taiwan |
| This is to certify that representative samples of | FPQU2 - Optical Isolators - Component<br>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 1577, 5th Ed, Issue Date: 2014-04-25, Revision Date: 2019-06-11 |
| 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.

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# CERTIFICATE OF COMPLIANCE

Certificate Number UL-US-L214129-31-21808002-3
Report Reference E214129-20080812
Date 29-Nov-2022

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

| Model | Category Description |
|---|---|
| 4N5# | Double protection optical isolators, providing 5300 V ac isolation |
| 6N135# | Double protection optical isolators, providing 5000 vac isolation |
| 6N136# | Double protection optical isolators, providing 5000 vac isolation |
| 6N137# | Double protection optical isolators, providing 5000 vac isolation |
| 6N138# | Double protection optical isolators, providing 5000 vac isolation |
| 6N139# | Double protection optical isolators, providing 5000 vac isolation |
| 6N13X, may be followed by any suffix | Double protection optical isolators at 5000 Vac isolation voltage |
| CNY64# | Double protection optical isolators, providing 8200 vac isolation |
| CNY65# | Double protection optical isolators, providing 8200 vac isolation |
| EL0200# | Double protection optical isolators, providing 3750 vac isolation |
| EL0201# | Double protection optical isolators, providing 3750 vac isolation |
| EL0202# | Double protection optical isolators, providing 3750 vac isolation |
| EL0210# | Double protection optical isolators, providing 3750 vac isolation |
| EL0211# | Double protection optical isolators, providing 3750 vac isolation |
| EL0212# | Double protection optical isolators, providing 3750 vac isolation |
| EL0452# | Double protection optical isolators, providing 3750 vac isolation |
| EL0453# | Double protection optical isolators, providing 3750 vac isolation |
| EL0454# | Double protection optical isolators, providing 3750 vac isolation |
| EL0500# | Double protection optical isolators, providing 3750 vac isolation |

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# CERTIFICATE OF COMPLIANCE

Certificate Number UL-US-L214129-31-21808002-3
Report Reference E214129-20080812
Date 29-Nov-2022

| | |
|---|---|
| EL0501# | Double protection optical isolators, providing 3750 vac isolation |
| EL050L# | Double protection optical isolators, providing 3750 Vac isolation |
| EL0600# | Double protection optical isolators, providing 3750 vac isolation |
| EL0601# | Double protection optical isolators, providing 3750 vac isolation |
| EL060L# | Double protection optical isolators, providing 3750 vac isolation |
| EL0611# | Double protection optical isolators, providing 3750 vac isolation |
| EL061A# | Double protection optical isolators, providing 3750 vac isolation |
| EL061N# | Double protection optical isolators, providing 3750 vac isolation |
| EL0700# | Double protection optical isolators, providing 3750 vac isolation |
| EL0701# | Double protection optical isolators, providing 3750 vac isolation |
| EL070L# | Double protection optical isolators, providing 3750 vac isolation |
| EL071L# | Double protection optical isolators, providing 3750 vac isolation |
| EL2200# | Double protection optical isolators, providing 5000 vac isolation |
| EL2201# | Double protection optical isolators, providing 5000 vac isolation |
| EL2202# | Double protection optical isolators, providing 5000 vac isolation |
| EL2211# | Double protection optical isolators, providing 5000 vac isolation |
| EL2212# | Double protection optical isolators, providing 5000 vac isolation |
| EL2219# | Double protection optical isolators, providing 5000 vac isolation |
| EL2231# | Double protection optical isolators, providing 5000 vac isolation |
| EL2232# | Double protection optical isolators, providing 5000 vac isolation |
| EL2502# | Double protection optical isolators, providing 5000 vac isolation |
| EL2503# | Double protection optical isolators, providing 5000 vac isolation |
| EL250L# | Double protection optical isolators, providing 5000 vac isolation |

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# CERTIFICATE OF COMPLIANCE

Certificate Number UL-US-L214129-31-21808002-3
Report Reference E214129-20080812
Date 29-Nov-2022

| | |
|---|---|
| EL2530# | Double protection optical isolators, providing 5000 vac isolation |
| EL2531# | Double protection optical isolators, providing 5000 vac isolation |
| EL253L# | Double protection optical isolators, providing 5000 vac isolation |
| EL2601# | Double protection optical isolators, providing 5000 vac isolation |
| EL260L# | Double protection optical isolators, providing 5000 vac isolation |
| EL2611# | Double protection optical isolators, providing 5000 vac isolation |
| EL261A# | Double protection optical isolators, providing 5000 vac isolation |
| EL261N# | Double protection optical isolators, providing 5000 vac isolation |
| EL2630# | Double protection optical isolators, providing 5000 vac isolation |
| EL2631# | Double protection optical isolators, providing 5000 vac isolation |
| EL263A# | Double protection optical isolators, providing 5000 vac isolation |
| EL263L# | Double protection optical isolators, providing 5000 vac isolation |
| EL263N# | Double protection optical isolators, providing 5000 vac isolation |
| EL2730# | Double protection optical isolators, providing 5000 vac isolation |
| EL2731# | Double protection optical isolators, providing 5000 vac isolation |
| EL31KX, may be followed by any suffix | Double protection optical isolators at 5000 Vac isolation voltage |
| EL371# | Double protection optical isolators, providing 5000 vac isolation |
| EL4502# | Double protection optical isolators, providing 5000 vac isolation |
| EL4503# | Double protection optical isolators, providing 5000 vac isolation |
| EL4504# | Double protection optical isolators, providing 5000 vac isolation |
| EL4534# | Double protection optical isolators, providing 5000 vac isolation |
| EL4661# | Double protection optical isolators, providing 5000 vac isolation |
| EL57KX, may be followed by any suffix | Double protection optical isolators at 5000 Vac isolation voltage |

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# CERTIFICATE OF COMPLIANCE

Certificate Number UL-US-L214129-31-21808002-3
Report Reference E214129-20080812
Date 29-Nov-2022

| | |
|---|---|
| EL725# | Double protection optical isolators, providing 5000 vac isolation |
| EL851# | Double protection optical isolators, providing 5300 V ac isolation |
| EL852# | Double protection optical isolators, providing 5000 vac isolation |
| ELD851# | Double protection optical isolators, providing 5300 V ac isolation |
| ELD852# | Double protection optical isolators, providing 5000 vac isolation |
| ELL200 | Double protection optical isolators, providing 5000 vac isolation |
| ELL300# | Double protection optical isolators, providing 5000 vac isolation |
| ELM31KX, may be followed by any suffix | Double protection optical isolators at 3750 Vac isolation voltage |
| ELW135# | Double protection optical isolators, providing 5000 vac isolation |
| ELW136# | Double protection optical isolators, providing 5000 vac isolation |
| ELW137# | Double protection optical isolators, providing 5000 vac isolation |
| ELW138# | Double protection optical isolators, providing 5000 vac isolation |
| ELW139# | Double protection optical isolators, providing 5000 vac isolation |
| ELW2200 | Double protection optical isolators, providing 5000 vac isolation |
| ELW2201 | Double protection optical isolators, providing 5000 vac isolation |
| ELW2202 | Double protection optical isolators, providing 5000 vac isolation |
| ELW2211 | Double protection optical isolators, providing 5000 vac isolation |
| ELW2212 | Double protection optical isolators, providing 5000 vac isolation |
| ELW2219 | Double protection optical isolators, providing 5000 vac isolation |
| ELW250L# | Double protection optical isolators, providing 5000 vac isolation |
| ELW2601# | Double protection optical isolators, providing 5000 vac isolation |
| ELW260L# | Double protection optical isolators, providing 5000 vac isolation |
| ELW2611# | Double protection optical isolators, providing 5000 vac isolation |

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| | |
|---|---|
| Certificate Number | UL-US-L214129-31-21808002-3 |
| Report Reference | E214129-20080812 |
| Date | 29-Nov-2022 |

| | |
|---|---|
| ELW3120# | Double protection optical isolators, providing 5000 vac isolation |
| ELW3140# | Double protection optical isolators, providing 5000 vac isolation |

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# CERTIFICATE OF COMPLIANCE

| | |
|---|---|
| **Certificate Number** | UL-CA-L214129-41-21808002-3 |
| **Report Reference** | E214129-20080812 |
| **Date** | 29-Nov-2022 |
| **Issued to:** | EVERLIGHT ELECTRONICS CO LTD<br>6-8 ZHONGHUA RD SHULIN DISTRICT NEW TAIPEI 23860<br>Taiwan |
| **This is to certify that representative samples of** | FPQU8 - Optical Isolators Certified for Canada - Component<br>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:** | CSA Component Acceptance Service Notice No. 5A, Issue Date: 1998-01-23 |
| **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.

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**Certificate Number** UL-CA-L214129-41-21808002-3
**Report Reference** E214129-20080812
**Date** 29-Nov-2022

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

| Model | Category Description |
|---|---|
| 4N5# | Double protection optical isolators, providing 5300 V ac isolation |
| 6N135# | Double protection optical isolators, providing 5000 vac isolation |
| 6N136# | Double protection optical isolators, providing 5000 vac isolation |
| 6N137# | Double protection optical isolators, providing 5000 vac isolation |
| 6N138# | Double protection optical isolators, providing 5000 vac isolation |
| 6N139# | Double protection optical isolators, providing 5000 vac isolation |
| 6N13X, may be followed by any suffix | Double protection optical isolators at 5000 Vac isolation voltage |
| CNY64# | Double protection optical isolators, providing 8200 vac isolation |
| CNY65# | Double protection optical isolators, providing 8200 vac isolation |
| EL0200# | Double protection optical isolators, providing 3750 vac isolation |
| EL0201# | Double protection optical isolators, providing 3750 vac isolation |
| EL0202# | Double protection optical isolators, providing 3750 vac isolation |
| EL0210# | Double protection optical isolators, providing 3750 vac isolation |
| EL0211# | Double protection optical isolators, providing 3750 vac isolation |
| EL0212# | Double protection optical isolators, providing 3750 vac isolation |
| EL0452# | Double protection optical isolators, providing 3750 vac isolation |
| EL0453# | Double protection optical isolators, providing 3750 vac isolation |
| EL0454# | Double protection optical isolators, providing 3750 vac isolation |
| EL0500# | Double protection optical isolators, providing 3750 vac isolation |

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# CERTIFICATE OF COMPLIANCE

**Certificate Number** UL-CA-L214129-41-21808002-3
**Report Reference** E214129-20080812
**Date** 29-Nov-2022

| | |
|---|---|
| EL0501# | Double protection optical isolators, providing 3750 vac isolation |
| EL050L# | Double protection optical isolators, providing 3750 Vac isolation |
| EL0600# | Double protection optical isolators, providing 3750 vac isolation |
| EL0601# | Double protection optical isolators, providing 3750 vac isolation |
| EL060L# | Double protection optical isolators, providing 3750 vac isolation |
| EL0611# | Double protection optical isolators, providing 3750 vac isolation |
| EL061A# | Double protection optical isolators, providing 3750 vac isolation |
| EL061N# | Double protection optical isolators, providing 3750 vac isolation |
| EL0700# | Double protection optical isolators, providing 3750 vac isolation |
| EL0701# | Double protection optical isolators, providing 3750 vac isolation |
| EL070L# | Double protection optical isolators, providing 3750 vac isolation |
| EL071L# | Double protection optical isolators, providing 3750 vac isolation |
| EL2200# | Double protection optical isolators, providing 5000 vac isolation |
| EL2201# | Double protection optical isolators, providing 5000 vac isolation |
| EL2202# | Double protection optical isolators, providing 5000 vac isolation |
| EL2211# | Double protection optical isolators, providing 5000 vac isolation |
| EL2212# | Double protection optical isolators, providing 5000 vac isolation |
| EL2219# | Double protection optical isolators, providing 5000 vac isolation |
| EL2231# | Double protection optical isolators, providing 5000 vac isolation |
| EL2232# | Double protection optical isolators, providing 5000 vac isolation |
| EL2502# | Double protection optical isolators, providing 5000 vac isolation |
| EL2503# | Double protection optical isolators, providing 5000 vac isolation |
| EL250L# | Double protection optical isolators, providing 5000 vac isolation |

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# CERTIFICATE OF COMPLIANCE

**Certificate Number** UL-CA-L214129-41-21808002-3
**Report Reference** E214129-20080812
**Date** 29-Nov-2022

| | |
|---|---|
| EL2530# | Double protection optical isolators, providing 5000 vac isolation |
| EL2531# | Double protection optical isolators, providing 5000 vac isolation |
| EL253L# | Double protection optical isolators, providing 5000 vac isolation |
| EL2601# | Double protection optical isolators, providing 5000 vac isolation |
| EL260L# | Double protection optical isolators, providing 5000 vac isolation |
| EL2611# | Double protection optical isolators, providing 5000 vac isolation |
| EL261A# | Double protection optical isolators, providing 5000 vac isolation |
| EL261N# | Double protection optical isolators, providing 5000 vac isolation |
| EL2630# | Double protection optical isolators, providing 5000 vac isolation |
| EL2631# | Double protection optical isolators, providing 5000 vac isolation |
| EL263A# | Double protection optical isolators, providing 5000 vac isolation |
| EL263L# | Double protection optical isolators, providing 5000 vac isolation |
| EL263N# | Double protection optical isolators, providing 5000 vac isolation |
| EL2730# | Double protection optical isolators, providing 5000 vac isolation |
| EL2731# | Double protection optical isolators, providing 5000 vac isolation |
| EL31KX, may be followed by any suffix | Double protection optical isolators at 5000 Vac isolation voltage |
| EL371# | Double protection optical isolators, providing 5000 vac isolation |
| EL4502# | Double protection optical isolators, providing 5000 vac isolation |
| EL4503# | Double protection optical isolators, providing 5000 vac isolation |
| EL4504# | Double protection optical isolators, providing 5000 vac isolation |
| EL4534# | Double protection optical isolators, providing 5000 vac isolation |
| EL4661# | Double protection optical isolators, providing 5000 vac isolation |
| EL57KX, may be followed by any suffix | Double protection optical isolators at 5000 Vac isolation voltage |

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# CERTIFICATE OF COMPLIANCE

**Certificate Number** UL-CA-L214129-41-21808002-3
**Report Reference** E214129-20080812
**Date** 29-Nov-2022

| | |
|---|---|
| EL725# | Double protection optical isolators, providing 5000 vac isolation |
| EL851# | Double protection optical isolators, providing 5300 V ac isolation |
| EL852# | Double protection optical isolators, providing 5000 vac isolation |
| ELD851# | Double protection optical isolators, providing 5300 V ac isolation |
| ELD852# | Double protection optical isolators, providing 5000 vac isolation |
| ELL200 | Double protection optical isolators, providing 5000 vac isolation |
| ELL300# | Double protection optical isolators, providing 5000 vac isolation |
| ELM31KX, may be followed by any suffix | Double protection optical isolators at 3750 Vac isolation voltage |
| ELW135# | Double protection optical isolators, providing 5000 vac isolation |
| ELW136# | Double protection optical isolators, providing 5000 vac isolation |
| ELW137# | Double protection optical isolators, providing 5000 vac isolation |
| ELW138# | Double protection optical isolators, providing 5000 vac isolation |
| ELW139# | Double protection optical isolators, providing 5000 vac isolation |
| ELW2200 | Double protection optical isolators, providing 5000 vac isolation |
| ELW2201 | Double protection optical isolators, providing 5000 vac isolation |
| ELW2202 | Double protection optical isolators, providing 5000 vac isolation |
| ELW2211 | Double protection optical isolators, providing 5000 vac isolation |
| ELW2212 | Double protection optical isolators, providing 5000 vac isolation |
| ELW2219 | Double protection optical isolators, providing 5000 vac isolation |
| ELW250L# | Double protection optical isolators, providing 5000 vac isolation |
| ELW2601# | Double protection optical isolators, providing 5000 vac isolation |
| ELW260L# | Double protection optical isolators, providing 5000 vac isolation |
| ELW2611# | Double protection optical isolators, providing 5000 vac isolation |

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# CERTIFICATE OF COMPLIANCE

**Certificate Number** UL-CA-L214129-41-21808002-3
**Report Reference** E214129-20080812
**Date** 29-Nov-2022

| | |
|---|---|
| ELW3120# | Double protection optical isolators, providing 5000 vac isolation |
| ELW3140# | Double protection optical isolators, providing 5000 vac isolation |

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# CERTIFICATE OF COMPLIANCE

| | |
|---|---|
| Certificate Number | UL-US-L214129-31-62800102-4 |
| Report Reference | E214129-20100826 |
| Date | 29-Nov-2022 |
| Issued to: | EVERLIGHT ELECTRONICS CO LTD<br>6-8 ZHONGHUA RD SHULIN DISTRICT NEW TAIPEI 23860<br>Taiwan |
| This is to certify that representative samples of | FPQU2 - Optical Isolators - Component<br>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 1577, 5th Ed, Issue Date: 2014-04-25, Revision Date: 2019-06-11 |
| 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.

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# CERTIFICATE OF COMPLIANCE

Certificate Number UL-US-L214129-31-62800102-4
Report Reference E214129-20100826
Date 29-Nov-2022

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

| Model | Category Description |
|---|---|
| EL0530 | Double protection optical isolators, providing 3750 vac isolation |
| EL0531 | Double protection optical isolators, providing 3750 vac isolation |
| EL0533 | Double protection optical isolators, providing 3750 vac isolation |
| EL053L | Double protection optical isolators, providing 3750 vac isolation |
| EL0551 | Double protection optical isolators, providing 3750 vac isolation |
| EL0630 | Double protection optical isolators, providing 3750 vac isolation |
| EL0631 | Double protection optical isolators, providing 3750 vac isolation |
| EL063A | Double protection optical isolators, providing 3750 vac isolation |
| EL063L | Double protection optical isolators, providing 3750 vac isolation |
| EL063N | Double protection optical isolators, providing 3750 vac isolation |
| EL0661 | Double protection optical isolators, providing 3750 vac isolation |
| EL0730 | Double protection optical isolators, providing 3750 vac isolation |
| EL0731 | Double protection optical isolators, providing 3750 vac isolation |
| EL083L | Double protection optical isolators, providing 3750 vac isolation |
| EL086L | Double protection optical isolators, providing 3750 vac isolation |
| EL307X, may be followed by any letters or numbers | Double protection optical isolators at 3750 Vac isolation voltage |
| EL351 | Double protection optical isolators, providing 3750 vac isolation |
| EL352 | Double protection optical isolators, providing 3750 vac isolation |
| EL451 | Double protection optical isolators, providing 3750 vac isolation |

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# CERTIFICATE OF COMPLIANCE

| | |
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| Certificate Number | UL-US-L214129-31-62800102-4 |
| Report Reference | E214129-20100826 |
| Date | 29-Nov-2022 |

EL452 Double protection optical isolators,

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# CERTIFICATE OF COMPLIANCE

Certificate Number UL-US-L214129-31-62800102-4
Report Reference E214129-20100826
Date 29-Nov-2022

| | |
|---|---|
| ELM3051 | Double protection optical isolators, providing 3750 vac isolation |
| ELM3052 | Double protection optical isolators, providing 3750 vac isolation |
| ELM3053 | Double protection optical isolators, providing 3750 vac isolation |
| ELM3054 | Double protection optical isolators, providing 3750 vac isolation |
| ELM3060 | Double protection optical isolators, providing 3750 vac isolation |
| ELM3061 | Double protection optical isolators, providing 3750 vac isolation |
| ELM3062 | Double protection optical isolators, providing 3750 vac isolation |
| ELM3063 | Double protection optical isolators, providing 3750 vac isolation |
| ELM3064 | Double protection optical isolators, providing 3750 vac isolation |
| ELM3070 | Double protection optical isolators, providing 3750 vac isolation |
| ELM3071 | Double protection optical isolators, providing 3750 vac isolation |
| ELM3072 | Double protection optical isolators, providing 3750 vac isolation |
| ELM3073 | Double protection optical isolators, providing 3750 vac isolation |
| ELM3074 | Double protection optical isolators, providing 3750 vac isolation |
| ELM3080 | Double protection optical isolators, providing 3750 vac isolation |
| ELM3081 | Double protection optical isolators, providing 3750 vac isolation |
| ELM3082 | Double protection optical isolators, providing 3750 vac isolation |
| ELM3083 | Double protection optical isolators, providing 3750 vac isolation |
| ELM3084 | Double protection optical isolators, providing 3750 vac isolation |
| ELM312 | Double protection optical isolators at 3750 Vac isolation voltage |
| ELM314 | Double protection optical isolators, providing 3750 vac isolation |
| ELM315 | Double protection optical isolators at 3750 Vac isolation voltage |
| ELM425 | Double protection optical isolators at 3750 Vac isolation voltage |

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# CERTIFICATE OF COMPLIANCE

Certificate Number UL-US-L214129-31-62800102-4
Report Reference E214129-20100826
Date 29-Nov-2022

| | |
|---|---|
| ELM452 | Double protection optical isolators, providing 3750 vac isolation |
| ELM452L | Double protection optical isolators, providing 3750 vac isolation |
| ELM453 | Double protection optical isolators, providing 3750 vac isolation |
| ELM453H | Double protection optical isolators, providing 3750 vac isolation |
| ELM453L | Double protection optical isolators, providing 3750 vac isolation |
| ELM454 | Double protection optical isolators, providing 3750 vac isolation |
| ELM456 | Double protection optical isolators, providing 3750 vac isolation |
| ELM511 | Double protection optical isolators, providing 3750 vac isolation |
| ELM600 | Double protection optical isolators, providing 3750 vac isolation |
| ELM600L | Double protection optical isolators, providing 3750 vac isolation |
| ELM601 | Double protection optical isolators, providing 3750 vac isolation |
| ELM601L | Double protection optical isolators, providing 3750 vac isolation |
| ELM60U | Double protection optical isolators, providing 3750 vac isolation |
| ELM611 | Double protection optical isolators, providing 3750 vac isolation |
| ELM611H | Double protection optical isolators, providing 3750 vac isolation |
| ELM611L | Double protection optical isolators, providing 3750 vac isolation |
| ELM61L | Double protection optical isolators, providing 3750 vac isolation |
| ELM61U | Double protection optical isolators, providing 3750 vac isolation |
| ELM680 | Double protection optical isolators, providing 3750 vac isolation |
| ELM684 | Double protection optical isolators at 3750 Vac isolation voltage |
| ELM68XL, may be followed by any letters or numbers | Double protection optical isolators at 3750 Vac isolation voltage |
| ELM80L | Double protection optical isolators, providing 3750 vac isolation |
| ELM81L | Double protection optical isolators, providing 3750 vac isolation |

Deborah Jennings -Conner, VP Regulatory Services

UL LLC

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# CERTIFICATE OF COMPLIANCE

Certificate Number UL-US-L214129-31-62800102-4
Report Reference E214129-20100826
Date 29-Nov-2022

| | |
|---|---|
| ELM8XL, may be followed by any letters or numbers | Double protection optical isolators at 3750 Vac isolation voltage |
| ELSX11, may be followed by any letters or numbers | Double protection optical isolators at 5000 Vac isolation voltage |

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# CERTIFICATE OF COMPLIANCE

| | |
|---|---|
| Certificate Number | UL-CA-L214129-41-62800102-4 |
| Report Reference | E214129-20100826 |
| Date | 29-Nov-2022 |
| Issued to: | EVERLIGHT ELECTRONICS CO LTD<br>6-8 ZHONGHUA RD SHULIN DISTRICT NEW TAIPEI 23860<br>Taiwan |
| This is to certify that representative samples of | FPQU8 - Optical Isolators Certified for Canada - Component<br>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: | CSA Component Acceptance Service Notice No. 5A, Issue Date: 1998-01-23 |
| 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.

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# CERTIFICATE OF COMPLIANCE

Certificate Number UL-CA-L214129-41-62800102-4
Report Reference E214129-20100826
Date 29-Nov-2022

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

| Model | Category Description |
|---|---|
| EL0530 | Double protection optical isolators, providing 3750 vac isolation |
| EL0531 | Double protection optical isolators, providing 3750 vac isolation |
| EL0533 | Double protection optical isolators, providing 3750 vac isolation |
| EL053L | Double protection optical isolators, providing 3750 vac isolation |
| EL0551 | Double protection optical isolators, providing 3750 vac isolation |
| EL0630 | Double protection optical isolators, providing 3750 vac isolation |
| EL0631 | Double protection optical isolators, providing 3750 vac isolation |
| EL063A | Double protection optical isolators, providing 3750 vac isolation |
| EL063L | Double protection optical isolators, providing 3750 vac isolation |
| EL063N | Double protection optical isolators, providing 3750 vac isolation |
| EL0661 | Double protection optical isolators, providing 3750 vac isolation |
| EL0730 | Double protection optical isolators, providing 3750 vac isolation |
| EL0731 | Double protection optical isolators, providing 3750 vac isolation |
| EL083L | Double protection optical isolators, providing 3750 vac isolation |
| EL086L | Double protection optical isolators, providing 3750 vac isolation |
| EL307X, may be followed by any letters or numbers | Double protection optical isolators at 3750 Vac isolation voltage |
| EL351 | Double protection optical isolators, providing 3750 vac isolation |
| EL352 | Double protection optical isolators, providing 3750 vac isolation |
| EL451 | Double protection optical isolators, providing 3750 vac isolation |

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# CERTIFICATE OF COMPLIANCE

Certificate Number UL-CA-L214129-41-62800102-4
Report Reference E214129-20100826
Date 29-Nov-2022

| | |
|---|---|
| EL452 | Double protection optical isolators, providing 3750 vac isolation |
| ELC81X, may be followed by any letters or numbers | Double protection optical isolators at 5000 Vac isolation voltage |
| ELM3010 | Double protection optical isolators, providing 3750 vac isolation |
| ELM3011 | Double protection optical isolators, providing 3750 vac isolation |
| ELM3012 | Double protection optical isolators, providing 3750 vac isolation |
| ELM3013 | Double protection optical isolators, providing 3750 vac isolation |
| ELM3014 | Double protection optical isolators, providing 3750 vac isolation |
| ELM3020 | Double protection optical isolators, providing 3750 vac isolation |
| ELM3021 | Double protection optical isolators, providing 3750 vac isolation |
| ELM3022 | Double protection optical isolators, providing 3750 vac isolation |
| ELM3023 | Double protection optical isolators, providing 3750 vac isolation |
| ELM3024 | Double protection optical isolators, providing 3750 vac isolation |
| ELM3030 | Double protection optical isolators, providing 3750 vac isolation |
| ELM3031 | Double protection optical isolators, providing 3750 vac isolation |
| ELM3032 | Double protection optical isolators, providing 3750 vac isolation |
| ELM3033 | Double protection optical isolators, providing 3750 vac isolation |
| ELM3034 | Double protection optical isolators, providing 3750 vac isolation |
| ELM3040 | Double protection optical isolators, providing 3750 vac isolation |
| ELM3041 | Double protection optical isolators, providing 3750 vac isolation |
| ELM3042 | Double protection optical isolators, providing 3750 vac isolation |
| ELM3043 | Double protection optical isolators, providing 3750 vac isolation |
| ELM3044 | Double protection optical isolators, providing 3750 vac isolation |
| ELM3050 | Double protection optical isolators, providing 3750 vac isolation |

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# CERTIFICATE OF COMPLIANCE

Certificate Number UL-CA-L214129-41-62800102-4
Report Reference E214129-20100826
Date 29-Nov-2022

| | |
|---|---|
| ELM3051 | Double protection optical isolators, providing 3750 vac isolation |
| ELM3052 | Double protection optical isolators, providing 3750 vac isolation |
| ELM3053 | Double protection optical isolators, providing 3750 vac isolation |
| ELM3054 | Double protection optical isolators, providing 3750 vac isolation |
| ELM3060 | Double protection optical isolators, providing 3750 vac isolation |
| ELM3061 | Double protection optical isolators, providing 3750 vac isolation |
| ELM3062 | Double protection optical isolators, providing 3750 vac isolation |
| ELM3063 | Double protection optical isolators, providing 3750 vac isolation |
| ELM3064 | Double protection optical isolators, providing 3750 vac isolation |
| ELM3070 | Double protection optical isolators, providing 3750 vac isolation |
| ELM3071 | Double protection optical isolators, providing 3750 vac isolation |
| ELM3072 | Double protection optical isolators, providing 3750 vac isolation |
| ELM3073 | Double protection optical isolators, providing 3750 vac isolation |
| ELM3074 | Double protection optical isolators, providing 3750 vac isolation |
| ELM3080 | Double protection optical isolators, providing 3750 vac isolation |
| ELM3081 | Double protection optical isolators, providing 3750 vac isolation |
| ELM3082 | Double protection optical isolators, providing 3750 vac isolation |
| ELM3083 | Double protection optical isolators, providing 3750 vac isolation |
| ELM3084 | Double protection optical isolators, providing 3750 vac isolation |
| ELM312 | Double protection optical isolators at 3750 Vac isolation voltage |
| ELM314 | Double protection optical isolators, providing 3750 vac isolation |
| ELM315 | Double protection optical isolators at 3750 Vac isolation voltage |
| ELM425 | Double protection optical isolators at 3750 Vac isolation voltage |

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# CERTIFICATE OF COMPLIANCE

Certificate Number UL-CA-L214129-41-62800102-4
Report Reference E214129-20100826
Date 29-Nov-2022

| | |
|---|---|
| ELM452 | Double protection optical isolators, providing 3750 vac isolation |
| ELM452L | Double protection optical isolators, providing 3750 vac isolation |
| ELM453 | Double protection optical isolators, providing 3750 vac isolation |
| ELM453H | Double protection optical isolators, providing 3750 vac isolation |
| ELM453L | Double protection optical isolators, providing 3750 vac isolation |
| ELM454 | Double protection optical isolators, providing 3750 vac isolation |
| ELM456 | Double protection optical isolators, providing 3750 vac isolation |
| ELM511 | Double protection optical isolators, providing 3750 vac isolation |
| ELM600 | Double protection optical isolators, providing 3750 vac isolation |
| ELM600L | Double protection optical isolators, providing 3750 vac isolation |
| ELM601 | Double protection optical isolators, providing 3750 vac isolation |
| ELM601L | Double protection optical isolators, providing 3750 vac isolation |
| ELM60U | Double protection optical isolators, providing 3750 vac isolation |
| ELM611 | Double protection optical isolators, providing 3750 vac isolation |
| ELM611H | Double protection optical isolators, providing 3750 vac isolation |
| ELM611L | Double protection optical isolators, providing 3750 vac isolation |
| ELM61L | Double protection optical isolators, providing 3750 vac isolation |
| ELM61U | Double protection optical isolators, providing 3750 vac isolation |
| ELM680 | Double protection optical isolators, providing 3750 vac isolation |
| ELM684 | Double protection optical isolator |

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# CERTIFICATE OF COMPLIANCE

Certificate Number UL-CA-L214129-41-62800102-4
Report Reference E214129-20100826
Date 29-Nov-2022

| | |
|---|---|
| ELM8XL, may be followed by any letters or numbers | Double protection optical isolators at 3750 Vac isolation voltage |
| ELSX11, may be followed by any letters or numbers | Double protection optical isolators at 5000 Vac isolation voltage |

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# CERTIFICATE OF COMPLIANCE

**Certificate Number** E214129
**Report Reference** E214129-20100917
**Issue Date**

# CERTIFICATE OF COMPLIANCE

| | |
|---|---|
| **Certificate Number** | E214129 |
| **Report Reference** | E214129-20100917 |
| **Issue Date** | 2020-APRIL-23 |

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

Models/Product

Double Protection Optical Isolator, Models ELR0213, ELR0223, ELR0313, ELR0323, ELR1213, ELR1223, ELR1313, ELR1323, ELR2213, ELR2223, ELR2313, ELR2323, ELR3202, ELR3203, ELR3212, ELR3213, ELR3222, ELR3223, ELR3232, ELR3233, ELR3313, ELR3323, ELR3502, ELR3503, ELR3512, ELR3513, ELR3522, ELR3523, ELR3532, ELR3533, ELR3702, ELR3703, ELR3712, ELR3713, ELR3722, ELR3723, ELR3732, ELR3733.

Double Protection Optical Isolator, Models ELR3402, ELR3403, ELR3412, ELR3413, ELR3422, ELR3423, ELR3432, ELR3433, ELR3602, ELR3603, ELR3612, ELR3613, ELR3622, ELR3623, ELR3632, ELR3633, ELR3802, ELR3803, ELR3812, ELR3813, ELR3822, ELR3823, ELR3832, ELR3833.

All Models may be followed by any letters or numbers.

Standard(s) for Safety:
UL 1577, Standard for Optical Isolators
CSA Component Acceptance Service Notice 5A, Component Acceptance Service for Optocouplers and Related Devices

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# CERTIFICATE OF COMPLIANCE

| | |
|---|---|
| **Certificate Number** | UL-CA-L214129-41-22202102-2 |
| **Report Reference** | E214129-20120222 |
| **Date** | 10-Feb-2022 |
| **Issued to:** | EVERLIGHT ELECTRONICS CO LTD<br>6-8 ZHONGHUA RD SHULIN DISTRICT NEW TAIPEI<br>23860<br>Taiwan |
| **This is to certify that representative samples of** | FPQU8 - Optical Isolators Certified for Canada - Component<br>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 Component Acceptance Service Notice No. 5A, Issue Date: 1998-01-23 |
| **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 -Up Services.

Look for the UL Recognized Component Mark on the product.
UL-CA-L214129-41-22202102-2

**E214129-20120222**

Bruce Mahrenholz, Director North American Certification Program

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# CERTIFICATE OF COMPLIANCE

**Certificate Number** UL-CA-L214129-41-22202102-2
**Report Reference** E214129-20120222
**Date** 10-Feb-2022

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

| Model | Category Description |
|---|---|
| EL3120 | Double protection optical isolators, providing 5000 vac isolation |
| EL3140 | Double protection optical isolators, providing 5000 vac isolation |
| EL3150 | Double protection optical isolators, providing 5000 vac isolation |
| EL3180 | Double protection optical isolators, providing 5000 vac isolation |
| EL3184 | Double protection optical isolators, providing 5000 vac isolation |
| EL406X* | Double protection optical isolators, providing 5000 vac isolation |
| EL410X* | Double protection optical isolators, providing 5000 vac isolation |
| EL420X* | Double protection optical isolators, providing 5000 vac isolation |
| EL425X* | Double protection optical isolators, providing 5000 vac isolation |
| EL435X* | Double protection optical isolators, providing 5000 vac isolation |
| EL440X* | Double protection optical isolators, providing 5000 vac isolation |
| EL460X* | Double protection optical isolators, providing 5000 vac isolation |
| EL603A5 | Double protection optical isolators at 5000 Vac isolation voltage |
| EL606A3 | Double protection optical isolators at 5000 Vac isolation voltage |
| EL606X* | Double protection optical isolators, providing 5000 vac isolation |
| EL610X* | Double protection optical isolators, providing 5000 vac isolation |

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# CERTIFICATE OF COMPLIANCE

| | |
|---|---|
| **Certificate Number** | UL-CA-L214129-41-22202102-2 |
| **Report Reference** | E214129-20120222 |
| **Date** | 10-Feb-2022 |

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# CERTIFICATE OF COMPLIANCE

**Certificate Number** UL-CA-L214129-41-22202102-2
**Report Reference** E214129-20120222
**Date** 10-Feb-2022

| | |
|---|---|
| ELS270* | Double protection optical isolators, providing 5000 vac isolation |
| ELS271* | Double protection optical isolators, providing 5000 vac isolation |
| ELS272* | Double protection optical isolators, providing 5000 vac isolation |
| ELS3120($) | Double protection optical isolators, providing 5000 vac isolation |
| ELS3140($) | Double protection optical isolators, providing 5000 vac isolation |
| ELS3150($) | Double protection optical isolators, providing 5000 vac isolation |
| ELS3180($) | Double protection optical isolators, providing 5000 vac isolation |
| ELS3184($) | Double protection optical isolators, providing 5000 vac isolation |
| ELS500 | Double protection optical isolators, providing 5000 vac isolation |
| ELS501 | Double protection optical isolators, providing 5000 vac isolation |
| ELS511 | Double protection optical isolators, providing 5000 vac isolation |
| ELS600 | Double protection optical isolators, providing 5000 vac isolation |
| ELS601 | Double protection optical isolators, providing 5000 vac isolation |
| ELS60U* | Double protection optical isolators, providing 5000 vac isolation |
| ELS611 | Double protection optical isolators, providing 5000 vac isolation |
| ELS61U* | Double protection optical isolators, providing 5000 vac isolation |
| ELS62U* | Double protection optical isolators, providing 5000 vac isolation |
| ELS680 | Double protection optical isolators, providing 5000 vac isolation |
| EV6150A | Double protection optical isolators at 5000 Vac isolation voltage |

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# CERTIFICATE OF COMPLIANCE

| | |
|---|---|
| **Certificate Number** | UL-US-L214129-31-22202102-2 |
| **Report Reference** | E214129-20120222 |
| **Date** | 10-Feb-2022 |

**Issued to:**

EVERLIGHT ELECTRONICS CO LTD
6-8 ZHONGHUA RD SHULIN DISTRICT NEW TAIPEI
23860
Taiwan

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

FPQU2 - Optical Isolators - 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 1577, 5th Ed, Issue Date: 2014-04-25, Revision Date: 2019-06-11

**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 -Up Services.

Look for the UL Recognized Component Mark on the product.
UL-US-L214129-31-22202102-2

**E214129-20120222**

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# CERTIFICATE OF COMPLIANCE

| | |
|---|---|
| **Certificate Number** | UL-US-L214129-31-22202102-2 |
| **Report Reference** | E214129-20120222 |
| **Date** | 10-Feb-2022 |

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

| Model | Category Description |
|---|---|
| EL3120 | Double protection optical isolators, |

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# CERTIFICATE OF COMPLIANCE

**Certificate Number** UL-US-L214129-31-22202102-2
**Report Reference** E214129-20120222
**Date** 10-Feb-2022

| | |
|---|---|
| EL635X* | Double protection optical isolators, providing 5000 vac isolation |
| EL640X* | Double protection optical isolators, |

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# CERTIFICATE OF COMPLIANCE

**Certificate Number** UL-US-L214129-31-22202102-2
**Report Reference** E214129-20120222
**Date** 10-Feb-2022

| | |
|---|---|
| ELS270* | Double protection optical isolators, providing 5000 vac isolation |
| ELS271* | Double protection optical isolators, providing 5000 vac isolation |
| ELS272* | Double protection optical isolators, providing 5000 vac isolation |
| ELS3120($) | Double protection optical isolators, providing 5000 vac isolation |
| ELS3140($) | Double protection optical isolators, providing 5000 vac isolation |
| ELS3150($) | Double protection optical isolators, providing 5000 vac isolation |
| ELS3180($) | Double protection optical isolators, providing 5000 vac isolation |
| ELS3184($) | Double protection optical isolators, providing 5000 vac isolation |
| ELS500 | Double protection optical isolators, providing 5000 vac isolation |
| ELS501 | Double protection optical isolators, providing 5000 vac isolation |
| ELS511 | Double protection optical isolators, providing 5000 vac isolation |
| ELS600 | Double protection optical isolators, providing 5000 vac isolation |
| ELS601 | Double protection optical isolators, providing 5000 vac isolation |
| ELS60U* | Double protection optical isolators, providing 5000 vac isolation |
| ELS611 | Double protection optical isolators, providing 5000 vac isolation |
| ELS61U* | Double protection optical isolators, providing 5000 vac isolation |
| ELS62U* | Double protection optical isolators, providing 5000 vac isolation |
| ELS680 | Double protection optical isolators, providing 5000 vac isolation |
| EV6150A | Double protection optical isolators at 5000 Vac isolation voltage |

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