

# Certificate of Compliance

**Certificate Number:** 

UL-US-L214129-31-72201002-8

**Report Reference:** 

E214129-20010227

**Issue Date:** 

2024-08-31

Issued to:

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

This certificate confirms that representative samples of:

FPQU2 - Optical Isolators - Component

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.

UL 1577, Edition 5, Issue Date 2014-04-25, Revision Date 2023-07-06

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 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.



**UL Mark Certification Program Manager** 



Certificate number UL-US-L214129-31-72201002-8

**Report reference** E214129-20010227

Date 2024-08-31

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
4N	Double protection optical isolators,
41 <b>V</b>	providing 5000 vac isolation
4N29	Double protection optical isolators,
411/29	providing 5000 vac isolation
4N30	Double protection optical isolators,
41130	providing 5000 vac isolation
4N31	Double protection optical isolators,
41131	providing 5000 vac isolation
4N32	Double protection optical isolators,
41132	providing 5000 vac isolation
4N33	Double protection optical isolators,
41100	providing 5000 vac isolation
817	Double protection optical isolators,
017	providing 5000 vac isolation
CNX3, "X" may be any letters or numbers.	Double protection optical isolators,
CNAS, A may be any letters of numbers.	providing 5000 vac isolation
CNY17	Double protection optical isolators,
CIVITI	providing 5000 vac isolation
CNY75	Double protection optical isolators,
GN173	providing 5000 vac isolation
CQY80	Double protection optical isolators,
60100	providing 5000 vac isolation
EL101	Double protection optical isolators,
LLIUI	providing 5000 vac isolation
EL101L	Double protection optical isolators,
LETOTE	providing 5000 vac isolation
EL101U	Double protection optical isolators,
LLIOIO	providing 5000 vac isolation
EL101XH, "X" may be 0 to 9	Double protection optical isolators,
LETOTAIT, A may be 0 to 9	providing 5000 vac isolation
EL10XX, "X" may be 0 to 9	Double protection optical isolators,
LLTOXX, X may be 0 to 9	providing 5000 vac isolation
EL111	Double protection optical isolators,
LLIII	providing 5000 vac isolation
EL121	Double protection optical isolators,
	providing 3750 Vac isolation

David Piecuch

**UL Mark Certification Program Manager** 



Certificate number UL-US-L214129-31-72201002-8 Report reference E214129-20010227

Date 2024-08-31

EL121N	Double protection optical isolators,
	providing 3750 Vac isolation
EL124	Double protection optical isolators,
	providing 3750 Vac isolation
EL124N	Double protection optical isolators,
LLIZTIV	providing 3750 Vac isolation
EL151	Double protection optical isolators,
LLIJI	providing 5000 vac isolation
EL161	Double protection optical isolators,
ELIOI	providing 5000 vac isolation
El 20E	Double protection optical isolators,
EL205	providing 3750 Vac isolation
FI 200	Double protection optical isolators,
EL206	providing 3750 Vac isolation
<b>5</b> 1.00 <b>5</b>	Double protection optical isolators,
EL207	providing 3750 Vac isolation
	Double protection optical isolators,
EL208	providing 3750 Vac isolation
	Double protection optical isolators,
EL211	providing 3750 Vac isolation
	Double protection optical isolators,
EL212	providing 3750 Vac isolation
	Double protection optical isolators,
EL213	providing 3750 Vac isolation
	Double protection optical isolators,
EL215	providing 3750 Vac isolation
	Double protection optical isolators,
EL216	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,
LLZIVIIV	providing 3750 Vac isolation
EL2705	Double protection optical isolators,
EL2/U5	providing 3750 Vac isolation



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Date 2024-08-31

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
EL281	Double protection optical isolators,
	providing 3750 Vac isolation
EL2X14, "X" may be any letters or numbers.	Double protection optical isolators at 5000
ELEXITY, X may be any lettere of flambore.	Vac isolation voltage
EL3010	Double protection optical isolators,
ELOUTO	providing 5000 vac isolation
EL3011	Double protection optical isolators,
ELSOTT	providing 5000 vac isolation
EL3012	Double protection optical isolators,
ELSUIZ	providing 5000 vac isolation
FI 2012	Double protection optical isolators,
EL3013	providing 5000 vac isolation
FL 2014	Double protection optical isolators,
EL3014	providing 5000 vac isolation
FI 2000	Double protection optical isolators,
EL3020	providing 5000 vac isolation
El 2024	Double protection optical isolators,
EL3021	providing 5000 vac isolation
El 0000	Double protection optical isolators,
EL3022	providing 5000 vac isolation
FLOOD	Double protection optical isolators,
EL3023	providing 5000 vac isolation
F10004	Double protection optical isolators,
EL3024	providing 5000 vac isolation
FLOOD	Double protection optical isolators,
EL3030	providing 5000 vac isolation
<b>-</b> 1.222	Double protection optical isolators,
EL3031	providing 5000 vac isolation
<b>-</b> 1	Double protection optical isolators,
EL3032	providing 5000 vac isolation
	Double protection optical isolators,
EL3033	providing 5000 vac isolation
	Double protection optical isolators,
EL3034	providing 5000 vac isolation
	Double protection optical isolators,
EL3040	providing 5000 vac isolation
	providing 5000 vac isolation



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**Report reference** E214129-20010227

Date 2024-08-31

	Double protection optical isolators,
EL3041	providing 5000 vac isolation
	Double protection optical isolators,
EL3042	providing 5000 vac isolation
	Double protection optical isolators,
EL3043	providing 5000 vac isolation
	Double protection optical isolators,
EL3044	providing 5000 vac isolation
	Double protection optical isolators,
EL3050	providing 5000 vac isolation
	Double protection optical isolators,
EL3051	providing 5000 vac isolation
	Double protection optical isolators,
EL3052	providing 5000 vac isolation
	Double protection optical isolators,
EL3053	providing 5000 vac isolation
	Double protection optical isolators,
EL3054	providing 5000 vac isolation
EL3060	Double protection optical isolators,
	providing 5000 vac isolation
EL3061	Double protection optical isolators, providing 5000 vac isolation
	Double protection optical isolators,
EL3062	
	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,
22007 1	providing 5000 vac isolation
EL3080	Double protection optical isolators,
22000	providing 5000 vac isolation
EL3081	Double protection optical isolators,
LL3001	providing 5000 vac isolation



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EL3082	Double protection optical isolators,
22002	providing 5000 vac isolation
EL3083	Double protection optical isolators,
	providing 5000 vac isolation
EL3084	Double protection optical isolators,
LL3004	providing 5000 vac isolation
EL3161	Double protection optical isolators,
EL3101	providing 5000 vac isolation
EL3162	Double protection optical isolators,
EL3102	providing 5000 vac isolation
EL 2462	Double protection optical isolators,
EL3163	providing 5000 vac isolation
FI 054	Double protection optical isolators,
EL354	providing 3750 Vac isolation
FLOCAL	Double protection optical isolators,
EL354L	providing 5000 vac isolation
FLOGAN	Double protection optical isolators,
EL354N	providing 3750 Vac isolation
FLORANI	Double protection optical isolators,
EL354NU	providing 3750 vac isolation
F1.055	Double protection optical isolators,
EL355	providing 3750 Vac isolation
-101	Double protection optical isolators,
EL355L	providing 5000 vac isolation
<b>-</b> :	Double protection optical isolators,
EL356	providing 3750 Vac isolation
	Double protection optical isolators,
EL356N	providing 3750 Vac isolation
	Double protection optical isolators,
EL357	providing 3750 Vac isolation
	Double protection optical isolators,
EL3571N	providing 3750 vac isolation
	Double protection optical isolators,
EL357L	providing 5000 vac isolation
	Double protection optical isolators,
EL357N	providing 3750 Vac isolation
	Double protection optical isolators,
EL357NH	providing 3750 vac isolation
	Double protection optical isolators,
EL357NL	providing 3750 vac isolation
	Double protection optical isolators,
EL357NU	providing 3750 vac isolation
	providing 3730 vac isolation



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Date 2024-08-31

EL359	Double protection optical isolators, providing 3750 Vac isolation
EL35XN, "X" may be 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
EL3H7U	Double protection optical isolators, providing 3750 vac isolation
EL3HX, "X" may be 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, "X" may be any letters or numbers.	Double protection optical isolators at 5000  Vac isolation voltage
EL7X7, "X" may be 0 to 9	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



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Date 2024-08-31

	Double protection optical isolators,
EL817H	providing 5000 vac isolation
	Double protection optical isolators,
EL817L	providing 5000 vac isolation
	Double protection optical isolators,
EL819	providing 5000 vac isolation
	Double protection optical isolators,
EL824	providing 5000 vac isolation
	Double protection optical isolators,
EL825	providing 5000 vac isolation
FLOOR	Double protection optical isolators,
EL826	providing 5000 vac isolation
F1 00F	Double protection optical isolators,
EL827	providing 5000 vac isolation
FLOOR	Double protection optical isolators,
EL829	providing 5000 vac isolation
FLOAT	Double protection optical isolators,
EL844	providing 5000 vac isolation
FLOAF	Double protection optical isolators,
EL845	providing 5000 vac isolation
FI 0.47	Double protection optical isolators,
EL847	providing 5000 vac isolation
EL8X4, "X" may be 0 to 9	Double Protection Optical isolators
EL8X5, "X" may be 0 to 9	Double Protection Optical isolators
EL8X6, "X" may be 0 to 9	Double Protection Optical isolators
EL8X7, "X" may be 0 to 9	Double Protection Optical isolators
EL8X9, "X" may be 0 to 9.	Double Protection Optical isolators
EL9001	Double protection optical isolators,
	providing 5000 vac isolation
ELC10X, "X" may be 0 to 9. May be followed by any letters	Double protection optical isolators at 5000
or numbers.	Vac isolation voltage
ELC35XN, "X" may be any letters or numbers.	Double protection optical isolators at 3750
ELCOSAN, A may be any letters of numbers.	Vac isolation voltage
ELC3HX, "X" may be any letters or numbers.	Double protection optical isolators at 3750
ELCOTIA, A may be any letters of numbers.	Vac isolation voltage
ELD205	Double protection optical isolators,
LLD203	providing 3750 Vac isolation
ELD206	Double protection optical isolators,
LLDZUU	providing 3750 Vac isolation
ELD207	Double protection optical isolators,
LLDZUI	providing 3750 Vac isolation
ELD208	Double protection optical isolators,
223200	providing 3750 Vac isolation



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Date 2024-08-31

	Double protection optical isolators,
ELD211	providing 3750 Vac isolation
	Double protection optical isolators,
ELD213	providing 3750 Vac isolation
	Double protection optical isolators,
ELD217	providing 3750 Vac isolation
	Double protection optical isolators,
ELD3H4	providing 3750 Vac isolation
	Double protection optical isolators,
ELD3H5	providing 3750 Vac isolation
	Double protection optical isolators,
ELD3H6	providing 3750 Vac isolation
	Double protection optical isolators,
ELD3H7	providing 3750 Vac isolation
	Double protection optical isolators,
ELM4	providing 5000 vac isolation
	Double protection optical isolators,
ELM6	
	providing 5000 vac isolation
ELQ3H4	Double protection optical isolators,
	providing 3750 Vac isolation
ELQ3H5	Double protection optical isolators,
	providing 3750 Vac isolation
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
EV357NH	Double protection optical isolators,
	providing 3750 vac isolation
EV357NU	Double protection optical isolators,
	providing 3750 vac isolation
EV3H4U	Double protection optical isolators,
2,01110	providing 3750 vac isolation
EV3H7U	Double protection optical isolators,
270.110	providing 3750 vac isolation
H11A	Double protection optical isolators,
11111	providing 5000 vac isolation
H11AA1	Double protection optical isolators,
1111// / 1	providing 5000 vac isolation
H11AA2	Double protection optical isolators,
	providing 5000 vac isolation



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Date 2024-08-31

H11AA3	Double protection optical isolators, providing 5000 vac isolation
H11AA4	Double protection optical isolators,
	providing 5000 vac isolation
H11B1	Double protection optical isolators,
	providing 5000 vac isolation
H11B2	Double protection optical isolators,
111102	providing 5000 vac isolation
H11B255	Double protection optical isolators,
11110233	providing 5000 vac isolation
H11B3	Double protection optical isolators,
ППО	providing 5000 vac isolation
11441.4	Double protection optical isolators,
H11L1	providing 5000 vac isolation
	Double protection optical isolators,
H11L2	providing 5000 vac isolation
	Double protection optical isolators,
H11L3	providing 5000 vac isolation
	Double protection optical isolators,
HS817	providing 5000 vac isolation
	Double protection optical isolators,
K233	
	providing 5000 vac isolation
K817P	Double protection optical isolators,
	providing 5000 vac isolation
MCT2	Double protection optical isolators,
	providing 5000 vac isolation
MOC119	Double protection optical isolators,
	providing 5000 vac isolation
MOC8020	Double protection optical isolators,
WIO 00020	providing 5000 vac isolation
MOC8021	Double protection optical isolators,
IVIO COUZ I	providing 5000 vac isolation
MOC9030	Double protection optical isolators,
MOC8030	providing 5000 vac isolation
MOCOOFO	Double protection optical isolators,
MOC8050	providing 5000 vac isolation
MOC0000	Double protection optical isolators,
MOC8080	providing 5000 vac isolation
1100000	Double protection optical isolators,
MOC810	providing 5000 vac isolation
	Double protection optical isolators,
MOC811	providing 5000 vac isolation
	providing 5000 vac isolation



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Certificate number UL-US-L214129-31-72201002-8

**Report reference** E214129-20010227

Date 2024-08-31

SL55	Double protection optical isolators, providing 5000 vac isolation
TCDT110	Double protection optical isolators, providing 5000 vac isolation
TCDT111	Double protection optical isolators, 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



**UL Mark Certification Program Manager** 





# Certificate of Compliance

#### **Certificate Number:**

UL-CA-L214129-41-72201002-9

#### **Report Reference:**

E214129-20010227

#### **Issue Date:**

2024-08-31

Issued to:

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

This certificate confirms that representative samples of:

FPQU8 - Optical Isolators Certified for Canada - Component

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.

## CSA Component Acceptance Service Notice No. 5A, Issue Date: 1998-01-23

Additional Information:

See UL Product iQ® at https://ig.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.



**UL Mark Certification Program Manager** 



Certificate number UL-CA-L214129-41-72201002-9

**Report reference** E214129-20010227

Date 2024-08-31

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
4N	Double protection optical isolators,
41 <b>V</b>	providing 5000 vac isolation
4N29	Double protection optical isolators,
411/29	providing 5000 vac isolation
4N30	Double protection optical isolators,
41130	providing 5000 vac isolation
4N31	Double protection optical isolators,
41101	providing 5000 vac isolation
4N32	Double protection optical isolators,
41132	providing 5000 vac isolation
4N33	Double protection optical isolators,
41133	providing 5000 vac isolation
817	Double protection optical isolators,
017	providing 5000 vac isolation
CNX3, "X" may be any letters or numbers.	Double protection optical isolators,
CNAS, A may be any letters of numbers.	providing 5000 vac isolation
CNY17	Double protection optical isolators,
CIVITI	providing 5000 vac isolation
CNY75	Double protection optical isolators,
GN173	providing 5000 vac isolation
CQY80	Double protection optical isolators,
60100	providing 5000 vac isolation
EL101	Double protection optical isolators,
LLIUI	providing 5000 vac isolation
EL101L	Double protection optical isolators,
LETOTE	providing 5000 vac isolation
EL101U	Double protection optical isolators,
LLIOIO	providing 5000 vac isolation
EL101XH, "X" may be 0 to 9	Double protection optical isolators,
ELTOTAIT, A may be 0 to 9	providing 5000 vac isolation
EL10XX, "X" may be 0 to 9	Double protection optical isolators,
LLTOXX, X may be 0 to 9	providing 5000 vac isolation
EL111	Double protection optical isolators,
ELIII	providing 5000 vac isolation
EL121	Double protection optical isolators,
	providing 3750 Vac isolation

**David Piecuch** 

**UL Mark Certification Program Manager** 



Certificate number UL-CA-L214129-41-72201002-9 E214129-20010227

Date 2024-08-31

EL121N	Double protection optical isolators,
	providing 3750 Vac isolation
EL124	Double protection optical isolators,
	providing 3750 Vac isolation
EL124N	Double protection optical isolators,
2212111	providing 3750 Vac isolation
EL151	Double protection optical isolators,
EETOT	providing 5000 vac isolation
EL161	Double protection optical isolators,
LLIUI	providing 5000 vac isolation
EL205	Double protection optical isolators,
EL203	providing 3750 Vac isolation
EL206	Double protection optical isolators,
EL200	providing 3750 Vac isolation
El 207	Double protection optical isolators,
EL207	providing 3750 Vac isolation
F1 000	Double protection optical isolators,
EL208	providing 3750 Vac isolation
F1 044	Double protection optical isolators,
EL211	providing 3750 Vac isolation
FLOVO	Double protection optical isolators,
EL212	providing 3750 Vac isolation
FLORE	Double protection optical isolators,
EL213	providing 3750 Vac isolation
<b>-</b> 1 1	Double protection optical isolators,
EL215	providing 3750 Vac isolation
	Double protection optical isolators,
EL216	providing 3750 Vac isolation
	Double protection optical isolators,
EL217	providing 3750 Vac isolation
	Double protection optical isolators,
EL2501	providing 5000 vac isolation
	Double protection optical isolators,
EL2514	providing 5000 vac isolation
	Double protection optical isolators,
EL2561	providing 5000 vac isolation
	Double protection optical isolators,
EL2701	providing 3750 Vac isolation
	Double protection optical isolators,
EL2701N	
	providing 3750 Vac isolation
EL2705	Double protection optical isolators,
	providing 3750 Vac isolation



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Certificate number UL-CA-L214129-41-72201002-9 E214129-20010227

Date 2024-08-31

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
EL281	Double protection optical isolators,
	providing 3750 Vac isolation
EL2X14, "X" may be any letters or numbers.	Double protection optical isolators at 5000
ELEXITY, X may be any lettere of flambore.	Vac isolation voltage
EL3010	Double protection optical isolators,
ELOUTO	providing 5000 vac isolation
EL3011	Double protection optical isolators,
ELSOTT	providing 5000 vac isolation
EL3012	Double protection optical isolators,
ELSUIZ	providing 5000 vac isolation
FI 2012	Double protection optical isolators,
EL3013	providing 5000 vac isolation
FL 2014	Double protection optical isolators,
EL3014	providing 5000 vac isolation
FI 2000	Double protection optical isolators,
EL3020	providing 5000 vac isolation
El 2024	Double protection optical isolators,
EL3021	providing 5000 vac isolation
El 0000	Double protection optical isolators,
EL3022	providing 5000 vac isolation
FLOOD	Double protection optical isolators,
EL3023	providing 5000 vac isolation
FLOOR	Double protection optical isolators,
EL3024	providing 5000 vac isolation
FLOOD	Double protection optical isolators,
EL3030	providing 5000 vac isolation
<b>-</b> 1.222	Double protection optical isolators,
EL3031	providing 5000 vac isolation
<b>-</b> 1	Double protection optical isolators,
EL3032	providing 5000 vac isolation
	Double protection optical isolators,
EL3033	providing 5000 vac isolation
	Double protection optical isolators,
EL3034	providing 5000 vac isolation
	Double protection optical isolators,
EL3040	providing 5000 vac isolation
	providing 5000 vac isolation



UL Mark Certification Program Manager



Certificate number UL-CA-L214129-41-72201002-9
Report reference F214129-20010227

Date 2024-08-31

	Double protection optical isolators,
EL3041	providing 5000 vac isolation
	Double protection optical isolators,
EL3042	providing 5000 vac isolation
EL3043	Double protection optical isolators,
	providing 5000 vac isolation
	Double protection optical isolators,
EL3044	providing 5000 vac isolation
	Double protection optical isolators,
EL3050	providing 5000 vac isolation
	Double protection optical isolators,
EL3051	providing 5000 vac isolation
	Double protection optical isolators,
EL3052	providing 5000 vac isolation
	Double protection optical isolators,
EL3053	providing 5000 vac isolation
	Double protection optical isolators,
EL3054	providing 5000 vac isolation
EL3060	Double protection optical isolators,
	providing 5000 vac isolation  Double protection optical isolators,
EL3061	providing 5000 vac isolation
	Double protection optical isolators,
EL3062	
	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,
22007 1	providing 5000 vac isolation
EL3080	Double protection optical isolators,
22000	providing 5000 vac isolation
EL3081	Double protection optical isolators,
LL5001	providing 5000 vac isolation



**UL Mark Certification Program Manager** 



**Certificate number** UL-CA-L214129-41-72201002-9

Report reference E214129-20010227

Date 2024-08-31

EL3082	Double protection optical isolators,
LL0002	providing 5000 vac isolation
EL3083	Double protection optical isolators,
	providing 5000 vac isolation
EL3084	Double protection optical isolators,
LL3004	providing 5000 vac isolation
EL3161	Double protection optical isolators,
ELSTOT	providing 5000 vac isolation
EL3162	Double protection optical isolators,
EL3102	providing 5000 vac isolation
El 2462	Double protection optical isolators,
EL3163	providing 5000 vac isolation
FLOGA	Double protection optical isolators,
EL354	providing 3750 Vac isolation
FLORA	Double protection optical isolators,
EL354L	providing 5000 vac isolation
FLOSAN	Double protection optical isolators,
EL354N	providing 3750 Vac isolation
ELOS AUL	Double protection optical isolators,
EL354NU	providing 3750 vac isolation
51.0-5	Double protection optical isolators,
EL355	providing 3750 Vac isolation
F1 01	Double protection optical isolators,
EL355L	providing 5000 vac isolation
	Double protection optical isolators,
EL356	providing 3750 Vac isolation
	Double protection optical isolators,
EL356N	providing 3750 Vac isolation
	Double protection optical isolators,
EL357	providing 3750 Vac isolation
	Double protection optical isolators,
EL3571N	providing 3750 vac isolation
	Double protection optical isolators,
EL357L	providing 5000 vac isolation
	Double protection optical isolators,
EL357N	providing 3750 Vac isolation
	Double protection optical isolators,
EL357NH	providing 3750 vac isolation
	Double protection optical isolators,
EL357NL	providing 3750 vac isolation
	Double protection optical isolators,
EL357NU	providing 3750 vac isolation
	providing 3730 vac isolation



**UL Mark Certification Program Manager** 



Certificate number UL-CA-L214129-41-72201002-9 E214129-20010227

Date 2024-08-31

EL359	Double protection optical isolators, providing 3750 Vac isolation
EL35XN, "X" may be any letters or numbers	Double protection optical isolators at 3750
	Vac isolation voltage
FLOUR	Double protection optical isolators,
EL3H4	providing 3750 Vac isolation
	Double protection optical isolators,
EL3H4U	providing 3750 vac isolation
	Double protection optical isolators at 3750
EL3H5	Vac isolation voltage
	Double protection optical isolators,
EL3H7	providing 3750 Vac isolation
	Double protection optical isolators,
EL3H71	providing 3750 Vac isolation
	Double protection optical isolators,
EL3H7H	providing 3750 vac isolation
	Double protection optical isolators,
EL3H7L	providing 3750 vac isolation
	Double protection optical isolators,
EL3H7U	providing 3750 vac isolation
	Double protection optical isolators at 3750
EL3HX, "X" may be any letters or numbers	Vac isolation voltage
	Double protection optical isolators,
EL610	providing 5000 vac isolation
	Double protection optical isolators,
EL617	providing 5000 vac isolation
	Double protection optical isolators,
EL717	providing 5000 vac isolation
	Double protection optical isolators,
EL727	providing 5000 vac isolation
	Double protection optical isolators at 5000
EL78X0, "X" may be any letters or numbers.	Vac isolation voltage
EL7X7, "X" may be 0 to 9	Double Protection Optical isolators
	Double protection optical isolators,
EL814	providing 5000 vac isolation
	Double protection optical isolators,
EL815	providing 5000 vac isolation
	Double protection optical isolators,
EL816	providing 5000 vac isolation
	Double protection optical isolators,
EL817	providing 5000 vac isolation
	Double protection optical isolators,
EL8171	providing 5000 vac isolation
	providing 5000 vac isolation



**UL Mark Certification Program Manager** 



Certificate number UL-CA-L214129-41-72201002-9 E214129-20010227

Date 2024-08-31

	Double protection optical isolators,
EL817H	providing 5000 vac isolation
	Double protection optical isolators,
EL817L	providing 5000 vac isolation
	Double protection optical isolators,
EL819	providing 5000 vac isolation
	Double protection optical isolators,
EL824	providing 5000 vac isolation
F1 00F	Double protection optical isolators,
EL825	providing 5000 vac isolation
FLOOR	Double protection optical isolators,
EL826	providing 5000 vac isolation
El 007	Double protection optical isolators,
EL827	providing 5000 vac isolation
El 000	Double protection optical isolators,
EL829	providing 5000 vac isolation
FI 0.4.4	Double protection optical isolators,
EL844	providing 5000 vac isolation
EL 0.45	Double protection optical isolators,
EL845	providing 5000 vac isolation
FI 0.47	Double protection optical isolators,
EL847	providing 5000 vac isolation
EL8X4, "X" may be 0 to 9	Double Protection Optical isolators
EL8X5, "X" may be 0 to 9	Double Protection Optical isolators
EL8X6, "X" may be 0 to 9	Double Protection Optical isolators
EL8X7, "X" may be 0 to 9	Double Protection Optical isolators
EL8X9, "X" may be 0 to 9.	Double Protection Optical isolators
EL9001	Double protection optical isolators,
	providing 5000 vac isolation
ELC10X, "X" may be 0 to 9. May be followed by any letters	Double protection optical isolators at 5000
or numbers.	Vac isolation voltage
ELC35XN, "X" may be any letters or numbers.	Double protection optical isolators at 3750
LECOSKIN, A may be any letters of numbers.	Vac isolation voltage
ELC3HX, "X" may be any letters or numbers.	Double protection optical isolators at 3750
ELOSTIA, A may be any letters of numbers.	Vac isolation voltage
ELD205	Double protection optical isolators,
LLD200	providing 3750 Vac isolation
ELD206	Double protection optical isolators,
LLDZOO	providing 3750 Vac isolation
ELD207	Double protection optical isolators,
LLDZUI	providing 3750 Vac isolation
ELD208	Double protection optical isolators,
22200	providing 3750 Vac isolation



**UL Mark Certification Program Manager** 



**Certificate number** UL-CA-L214129-41-72201002-9

**Report reference** E214129-20010227

Date 2024-08-31

	Double protection optical isolators,
ELD211	providing 3750 Vac isolation
	Double protection optical isolators,
ELD213	providing 3750 Vac isolation
	Double protection optical isolators,
ELD217	providing 3750 Vac isolation
	Double protection optical isolators,
ELD3H4	providing 3750 Vac isolation
	Double protection optical isolators,
ELD3H5	providing 3750 Vac isolation
	Double protection optical isolators,
ELD3H6	providing 3750 Vac isolation
	Double protection optical isolators,
ELD3H7	
	providing 3750 Vac isolation  Double protection optical isolators,
ELM4	
	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
ELQ3H7	Double protection optical isolators,
LEGOI II	providing 3750 Vac isolation
EV101U	Double protection optical isolators,
271010	providing 3750 vac isolation
EV354NU	Double protection optical isolators,
L V 334110	providing 3750 vac isolation
EV357NH	Double protection optical isolators,
EV33/INII	providing 3750 vac isolation
EV357NU	Double protection optical isolators,
EVSS/NO	providing 3750 vac isolation
EVOLALI	Double protection optical isolators,
EV3H4U	providing 3750 vac isolation
EVOLIZI I	Double protection optical isolators,
EV3H7U	providing 3750 vac isolation
1144	Double protection optical isolators,
H11A	providing 5000 vac isolation
114.44.4	Double protection optical isolators,
H11AA1	providing 5000 vac isolation
	Double protection optical isolators,
H11AA2	providing 5000 vac isolation
	profitanty cood vac lociation



UL Mark Certification Program Manager



**Certificate number** UL-CA-L214129-41-72201002-9

Report reference E214129-20010227

Date 2024-08-31

	Double protection optical isolators,
H11AA3	providing 5000 vac isolation
	Double protection optical isolators,
H11AA4	providing 5000 vac isolation
	Double protection optical isolators,
H11B1	providing 5000 vac isolation
	Double protection optical isolators,
H11B2	providing 5000 vac isolation
	Double protection optical isolators,
H11B255	providing 5000 vac isolation
	Double protection optical isolators,
H11B3	providing 5000 vac isolation
	Double protection optical isolators,
H11L1	
	providing 5000 vac isolation
H11L2	Double protection optical isolators,
	providing 5000 vac isolation
H11L3	Double protection optical isolators,
	providing 5000 vac isolation
HS817	Double protection optical isolators,
	providing 5000 vac isolation
K233	Double protection optical isolators,
11200	providing 5000 vac isolation
K817P	Double protection optical isolators,
1.0171	providing 5000 vac isolation
MCT2	Double protection optical isolators,
WOTZ	providing 5000 vac isolation
MOC119	Double protection optical isolators,
IVIO 0 1 19	providing 5000 vac isolation
MOC8020	Double protection optical isolators,
WOC0020	providing 5000 vac isolation
MOC8021	Double protection optical isolators,
WOC6021	providing 5000 vac isolation
MOC9030	Double protection optical isolators,
MOC8030	providing 5000 vac isolation
MOCOOFO	Double protection optical isolators,
MOC8050	providing 5000 vac isolation
MOCOOOO	Double protection optical isolators,
MOC8080	providing 5000 vac isolation
M20242	Double protection optical isolators,
MOC810	providing 5000 vac isolation
NO0044	Double protection optical isolators,
MOC811	providing 5000 vac isolation
	promise good rate recently



UL Mark Certification Program Manager



**Certificate number** UL-CA-L214129-41-72201002-9

Report reference E214129-20010227

Date 2024-08-31

SL55	Double protection optical isolators, providing 5000 vac isolation
TCDT110	Double protection optical isolators, providing 5000 vac isolation
TCDT111	Double protection optical isolators, 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



UL Mark Certification Program Manager





# Certificate of Compliance

#### **Certificate Number:**

UL-US-L214129-31-21808002-6

#### Report Reference:

E214129-20080812

#### **Issue Date:**

2025-05-29

#### Issued to:

#### EVERLIGHT ELECTRONICS CO LTD 6-8 ZHONGHUA RD SHULIN DISTRICT, NEW TAIPEI, 23860, TW

This certificate confirms that representative samples of:

#### FPQU2 - Optical Isolators - Component

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.

#### UL 1577, Edition 5, Issue Date 2014-04-25, Revision Date 2023-07-06

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 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.



David Piecuch

**UL Mark Certification Program Owner** 

Certificate number UL-US-L214129-31-21808002-6

Report reference E214129-20080812

Date 2025-05-29

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

#### Double protection optical isolators at 3750 Vac isolation voltage

Model(s): ELM31KX "X" or "K" may be any letters or numbers.

Double protection optical isolators at 5000 Vac isolation voltage

Model(s): 6N13, EL31KX, EL57KX, ELW31KX "X" or "K" may be any letters or numbers.

Double protection optical isolators, providing 3750 Vac isolation

Model(s): EL050L

Double protection optical isolators, providing 3750 vac isolation

**Model(s):** EL0200, EL0201, EL0202, EL0210, EL0211, EL0212, EL0452, EL0453, EL0454, EL0500, EL0501, EL0600, EL0601, EL0601, EL0611, EL061A, EL061N, EL0700, EL0701, EL070L, EL071L

Double protection optical isolators, providing 5000 vac isolation

**Model(s):** 6N135, 6N136, 6N137, 6N138, 6N139, EL2200, EL2201, EL2202, EL2211, EL2212, EL2219, EL2231, EL2232, EL2502, EL2503, EL250L, EL2530, EL2531, EL253L, EL2601, EL260L, EL2611, EL261A, EL261N, EL2630, EL2631, EL263A, EL263L, EL263N, EL2730, EL2731, EL371, EL4502, EL4503, EL4504, EL4534, EL4661, EL725, EL852, ELW135, ELW136, ELW137, ELW139, ELW139, ELW250L, ELW260L, ELW3120, ELW3140,

ELW3150, ELW3180, ELW3184, H11G1, H11G2, H11G3

Model(s): ELW22XX, ELW26XX X may be any letters or numbers.

Double protection optical isolators, providing 5300 V ac isolation

Model(s): 4N5, EL851, ELD851, H11D

Double protection optical isolators, providing 8000 vac isolation

Model(s): ELL200, ELL300

Double protection optical isolators, providing 8200 vac isolation

Model(s): CNY64, CNY65





# Certificate of Compliance

**Certificate Number:** 

UL-CA-L214129-41-21808002-6

**Report Reference:** 

E214129-20080812

**Issue Date:** 

2025-05-29

**EVERLIGHT ELECTRONICS CO LTD**6-8 ZHONGHUA RD SHULIN DISTRICT, NEW TAIPEI, 23860, TW

This certificate confirms that representative samples of:

FPQU8 - Optical Isolators Certified for Canada - Component

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.

## CSA Component Acceptance Service Notice No. 5A, Issue Date: 1998-01-23

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 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.



David Piecuch

**UL Mark Certification Program Owner** 

Certificate number UL-CA-L214129-41-21808002-6

Report reference E214129-20080812

Date 2025-05-29

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

#### Double protection optical isolators at 3750 Vac isolation voltage

Model(s): ELM31KX "X" or "K" may be any letters or numbers.

Double protection optical isolators at 5000 Vac isolation voltage

Model(s): 6N13, EL31KX, EL57KX, ELW31KX "X" or "K" may be any letters or numbers.

Double protection optical isolators, providing 3750 Vac isolation

Model(s): EL050L

Double protection optical isolators, providing 3750 vac isolation

**Model(s):** EL0200, EL0201, EL0202, EL0210, EL0211, EL0212, EL0452, EL0453, EL0454, EL0500, EL0501, EL0600, EL0601, EL0601, EL0611, EL061A, EL061N, EL0700, EL0701, EL070L, EL071L

Double protection optical isolators, providing 5000 vac isolation

**Model(s):** 6N135, 6N136, 6N137, 6N138, 6N139, EL2200, EL2201, EL2202, EL2211, EL2212, EL2219, EL2231, EL2232, EL232, EL2502, EL2503, EL2530, EL2531, EL253L, EL2601, EL260L, EL2611, EL261A, EL261N, EL2630, EL2631, EL263A, EL263L, EL263N, EL2730, EL2731, EL371, EL4502, EL4503, EL4504, EL4534, EL4661, EL725, EL852, ELD852, ELW135, ELW136, ELW137, ELW138, ELW139, ELW250L, ELW260L, ELW3120, ELW3140, ELW3150, ELW3180, ELW3184, H11G1, H11G2, H11G3

**Model(s):** ELW22XX, ELW26XX, ELW450X *X may be any letters or numbers.* 

Double protection optical isolators, providing 5300 V ac isolation

Model(s): 4N5, EL851, ELD851, H11D

Double protection optical isolators, providing 8000 vac isolation

Model(s): ELL200, ELL300

Double protection optical isolators, providing 8200 vac isolation

Model(s): CNY64, CNY65





# Certificate of Compliance

**Certificate Number:** 

UL-US-L214129-31-62800102-6

**Report Reference:** 

E214129-20100826

**Issue Date:** 

2024-08-31

Issued to:

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

This certificate confirms that representative samples of:

FPQU2 - Optical Isolators - Component

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.

UL 1577, Edition 5, Issue Date 2014-04-25, Revision Date 2023-07-06

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 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.



**UL Mark Certification Program Manager** 



Certificate number UL-US-L214129-31-62800102-6

**Report reference** E214129-20100826

Date 2024-08-31

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
EL0530	Double protection optical isolators,
EL0330	providing 3750 vac isolation
EL0531	Double protection optical isolators,
EL0331	providing 3750 vac isolation
EL0533	Double protection optical isolators,
EL0555	providing 3750 vac isolation
EL053L	Double protection optical isolators,
ELUSSE	providing 3750 vac isolation
EL0551	Double protection optical isolators,
EL0331	providing 3750 vac isolation
EL 0620	Double protection optical isolators,
EL0630	providing 3750 vac isolation
EL 0624	Double protection optical isolators,
EL0631	providing 3750 vac isolation
E1 063 A	Double protection optical isolators,
EL063A	providing 3750 vac isolation
FLOCAL	Double protection optical isolators,
EL063L	providing 3750 vac isolation
FLOCAN	Double protection optical isolators,
EL063N	providing 3750 vac isolation
EL 0004	Double protection optical isolators,
EL0661	providing 3750 vac isolation
FI 0720	Double protection optical isolators,
EL0730	providing 3750 vac isolation
EL0731	Double protection optical isolators,
ELU/31	providing 3750 vac isolation
EL 0021	Double protection optical isolators,
EL083L	providing 3750 vac isolation
FLOOCI	Double protection optical isolators,
EL086L	providing 3750 vac isolation
CI 207V "V" may be any letters or numbers	Double protection optical isolators at 3750
EL307X, "X" may be any letters or numbers.	Vac isolation voltage
El 251	Double protection optical isolators,
EL351	providing 3750 vac isolation
El 252	Double protection optical isolators,
EL352	providing 3750 vac isolation

David Piecuch

**UL Mark Certification Program Manager** 



Certificate number UL-US-L214129-31-62800102-6 Report reference E214129-20100826

Date 2024-08-31

	Double protection optical isolators,
EL451	providing 3750 vac isolation
FL 450	Double protection optical isolators,
EL452	providing 3750 vac isolation
ELC81X, "X" may be any letters or numbers.	Double protection optical isolators at 5000
ELCOTA, A may be any letters of numbers.	Vac isolation voltage
ELM3010	Double protection optical isolators,
ELMOOTO	providing 3750 vac isolation
ELM3011	Double protection optical isolators,
LLWOOTT	providing 3750 vac isolation
ELM3012	Double protection optical isolators,
LLW0012	providing 3750 vac isolation
ELM3013	Double protection optical isolators,
LLW3013	providing 3750 vac isolation
ELM3014	Double protection optical isolators,
LLIWOUTH	providing 3750 vac isolation
ELM3020	Double protection optical isolators,
LLW3020	providing 3750 vac isolation
ELM3021	Double protection optical isolators,
LLIVIOUZ I	providing 3750 vac isolation
ELM3022	Double protection optical isolators,
LLIWOUZZ	providing 3750 vac isolation
ELM3023	Double protection optical isolators,
LLIWOOZO	providing 3750 vac isolation
ELM3024	Double protection optical isolators,
LEWIOOZ I	providing 3750 vac isolation
ELM3030	Double protection optical isolators,
LLIMOOO	providing 3750 vac isolation
ELM3031	Double protection optical isolators,
LLIWOOOT	providing 3750 vac isolation
ELM3032	Double protection optical isolators,
LLIMOUDL	providing 3750 vac isolation
ELM3033	Double protection optical isolators,
LLINOUU	providing 3750 vac isolation
ELM3034	Double protection optical isolators,
LLIWOOOT	providing 3750 vac isolation
ELM3040	Double protection optical isolators,
LLIWIOOTO	providing 3750 vac isolation
ELM3041	Double protection optical isolators,
LLW0041	providing 3750 vac isolation
ELM3042	Double protection optical isolators,
LLIVI3042	providing 3750 vac isolation



**UL Mark Certification Program Manager** 



Certificate number UL-US-L214129-31-62800102-6

**Report reference** E214129-20100826

Date 2024-08-31

	Double protection optical isolators,
ELM3043	providing 3750 vac isolation
	Double protection optical isolators,
ELM3044	providing 3750 vac isolation
	Double protection optical isolators,
ELM3050	providing 3750 vac isolation
	Double protection optical isolators,
ELM3051	providing 3750 vac isolation
	Double protection optical isolators,
ELM3052	providing 3750 vac isolation
	Double protection optical isolators,
ELM3053	providing 3750 vac isolation
	Double protection optical isolators,
ELM3054	providing 3750 vac isolation
	Double protection optical isolators,
ELM3060	providing 3750 vac isolation
	Double protection optical isolators,
ELM3061	providing 3750 vac isolation
	Double protection optical isolators,
ELM3062	providing 3750 vac isolation
	Double protection optical isolators,
ELM3063	providing 3750 vac isolation
	Double protection optical isolators,
ELM3064	providing 3750 vac isolation
	Double protection optical isolators,
ELM3070	providing 3750 vac isolation
	Double protection optical isolators,
ELM3071	providing 3750 vac isolation
	Double protection optical isolators,
ELM3072	providing 3750 vac isolation
	Double protection optical isolators,
ELM3073	providing 3750 vac isolation
	Double protection optical isolators,
ELM3074	providing 3750 vac isolation
	Double protection optical isolators,
ELM3080	providing 3750 vac isolation
	Double protection optical isolators,
ELM3081	providing 3750 vac isolation
	Double protection optical isolators,
ELM3082	providing 3750 vac isolation
	Double protection optical isolators,
ELM3083	providing 3750 vac isolation
	providing 3730 vac isolation



**UL Mark Certification Program Manager** 



Certificate number UL-US-L214129-31-62800102-6

**Report reference** E214129-20100826

Date 2024-08-31

	T =
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
ELM452	Double protection optical isolators,
	providing 3750 vac isolation
ELM452L	Double protection optical isolators,
	providing 3750 vac isolation
ELM453	Double protection optical isolators,
22.11100	providing 3750 vac isolation
ELM453H	Double protection optical isolators,
EEW 10011	providing 3750 vac isolation
ELM453L	Double protection optical isolators,
221111002	providing 3750 vac isolation
ELM454	Double protection optical isolators,
ELW 10 1	providing 3750 vac isolation
ELM456	Double protection optical isolators,
ELW 100	providing 3750 vac isolation
ELM511	Double protection optical isolators,
ELWOTT	providing 3750 vac isolation
ELM600	Double protection optical isolators,
ELWIOOO	providing 3750 vac isolation
ELM600L	Double protection optical isolators,
LLIWOOOL	providing 3750 vac isolation
ELM601	Double protection optical isolators,
ELIVIOOT	providing 3750 vac isolation
ELM601L	Double protection optical isolators,
LLIVIOU I L	providing 3750 vac isolation
ELM60U	Double protection optical isolators,
LLIVIOOO	providing 3750 vac isolation
ELM611	Double protection optical isolators,
LLIVIOTI	providing 3750 vac isolation
ELM611H	Double protection optical isolators,
LLIVIO I III	providing 3750 vac isolation
ELM611L	Double protection optical isolators,
ELIVIO I IL	providing 3750 vac isolation



**UL Mark Certification Program Manager** 



Certificate number UL-US-L214129-31-62800102-6

**Report reference** E214129-20100826

Date 2024-08-31

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, "X" may be 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
ELM8XL, "X" may be any letters or numbers.	Double protection optical isolators at 3750 Vac isolation voltage
ELSX11, "X" may be any letters or numbers.	Double protection optical isolators at 5000  Vac isolation voltage



**UL Mark Certification Program Manager** 





## Certificate of Compliance

**Certificate Number:** 

UL-CA-L214129-41-62800102-6

**Report Reference:** 

E214129-20100826

**Issue Date:** 

2024-08-31

Issued to:

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

This certificate confirms that representative samples of:

FPQU8 - Optical Isolators Certified for Canada - Component

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.

## CSA Component Acceptance Service Notice No. 5A, Issue Date: 1998-01-23

Additional Information:

See UL Product iQ® at https://ig.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.



**UL Mark Certification Program Manager** 



Certificate number UL-CA-L214129-41-62800102-6

**Report reference** E214129-20100826

Date 2024-08-31

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
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,
EL0031	providing 3750 vac isolation
EL063A	Double protection optical isolators,
ELOOSA	providing 3750 vac isolation
El 0631	Double protection optical isolators,
EL063L	providing 3750 vac isolation
EL063N	Double protection optical isolators,
ELUOSIN	providing 3750 vac isolation
EL0661	Double protection optical isolators,
ELOOOT	providing 3750 vac isolation
EL0730	Double protection optical isolators,
	providing 3750 vac isolation
EL0731	Double protection optical isolators,
ELU/31	providing 3750 vac isolation
EL083L	Double protection optical isolators,
ELU83L	providing 3750 vac isolation
EL086L	Double protection optical isolators,
	providing 3750 vac isolation
EL307X, "X" may be any letters or numbers.	Double protection optical isolators at 3750
LESOTA, A may be any letters of numbers.	Vac isolation voltage
EL351	Double protection optical isolators,
	providing 3750 vac isolation
EL352	Double protection optical isolators,
	providing 3750 vac isolation



**UL Mark Certification Program Manager** 



Certificate number UL-CA-L214129-41-62800102-6 Report reference E214129-20100826

Date 2024-08-31

	Double protection optical isolators,
EL451	providing 3750 vac isolation
EL452	Double protection optical isolators,
	providing 3750 vac isolation
ELC81X, "X" may be 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
ELM2020	Double protection optical isolators,
ELM3020	providing 3750 vac isolation
ELM2024	Double protection optical isolators,
ELM3021	providing 3750 vac isolation
FLM2022	Double protection optical isolators,
ELM3022	providing 3750 vac isolation
FI M2022	Double protection optical isolators,
ELM3023	providing 3750 vac isolation
ELM2024	Double protection optical isolators,
ELM3024	providing 3750 vac isolation
FLM2020	Double protection optical isolators,
ELM3030	providing 3750 vac isolation
ELM2024	Double protection optical isolators,
ELM3031	providing 3750 vac isolation
ELM3032	Double protection optical isolators,
ELIVI3U32	providing 3750 vac isolation
ELM3033	Double protection optical isolators,
ELIVI3U33	providing 3750 vac isolation
ELM3034	Double protection optical isolators,
ELIVI3034	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



**UL Mark Certification Program Manager** 



**Certificate number** UL-CA-L214129-41-62800102-6

**Report reference** E214129-20100826

Date 2024-08-31

	Double protection optical isolators,
ELM3043	providing 3750 vac isolation
ELM3044	Double protection optical isolators,
	providing 3750 vac isolation
	Double protection optical isolators,
ELM3050	providing 3750 vac isolation
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
	Double protection optical isolators,
ELM3061	providing 3750 vac isolation
	Double protection optical isolators,
ELM3062	providing 3750 vac isolation
	Double protection optical isolators,
ELM3063	providing 3750 vac isolation
ELM3064	Double protection optical isolators,
	providing 3750 vac isolation
ELM3070	Double protection optical isolators,
	providing 3750 vac isolation
	Double protection optical isolators,
ELM3071	providing 3750 vac isolation
	Double protection optical isolators,
ELM3072	providing 3750 vac isolation
	Double protection optical isolators,
ELM3073	providing 3750 vac isolation
	Double protection optical isolators,
ELM3074	providing 3750 vac isolation
	Double protection optical isolators,
ELM3080	providing 3750 vac isolation
	Double protection optical isolators,
ELM3081	providing 3750 vac isolation
	Double protection optical isolators,
ELM3082	providing 3750 vac isolation
ELM3083	Double protection optical isolators,
	providing 3750 vac isolation
	providing 3730 vac isolation



**UL Mark Certification Program Manager** 



**Certificate number** UL-CA-L214129-41-62800102-6

**Report reference** E214129-20100826

Date 2024-08-31

ELM3084	Double protection optical isolators, providing 3750 vac isolation
FLM242	Double protection optical isolators at 3750
ELM312	Vac isolation voltage
ELM314	Double protection optical isolators,
LLIVIS 14	providing 3750 vac isolation
ELM315	Double protection optical isolators at 3750
ELIVIS 13	Vac isolation voltage
ELM425	Double protection optical isolators at 3750
ELIVITZO	Vac isolation voltage
ELM452	Double protection optical isolators,
ELIVITOL	providing 3750 vac isolation
ELM452L	Double protection optical isolators,
LLIVITOZE	providing 3750 vac isolation
ELM453	Double protection optical isolators,
ELIVITOO	providing 3750 vac isolation
ELM453H	Double protection optical isolators,
ELIVITOOI I	providing 3750 vac isolation
ELM453L	Double protection optical isolators,
LLWHOOL	providing 3750 vac isolation
ELM454	Double protection optical isolators,
ELIVITOT	providing 3750 vac isolation
ELM456	Double protection optical isolators,
ELIVITOO	providing 3750 vac isolation
ELM511	Double protection optical isolators,
ELIVIOTI	providing 3750 vac isolation
ELM600	Double protection optical isolators,
ELIVIOU	providing 3750 vac isolation
ELM600L	Double protection optical isolators,
ELWOODE	providing 3750 vac isolation
ELM601	Double protection optical isolators,
ELIVIOOT	providing 3750 vac isolation
ELM601L	Double protection optical isolators,
ELWOOTE	providing 3750 vac isolation
ELM60U	Double protection optical isolators,
ELWOOD	providing 3750 vac isolation
ELM611	Double protection optical isolators,
ELIVIOT I	providing 3750 vac isolation
ELM611H	Double protection optical isolators,
LLIVIOTITI	providing 3750 vac isolation
ELM611L	Double protection optical isolators,
LLIVIOTIL	providing 3750 vac isolation



**UL Mark Certification Program Manager** 



**Certificate number** UL-CA-L214129-41-62800102-6

**Report reference** E214129-20100826

Date 2024-08-31

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, "X" may be 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
ELM8XL, "X" may be any letters or numbers.	Double protection optical isolators at 3750  Vac isolation voltage
ELSX11, "X" may be any letters or numbers.	Double protection optical isolators at 5000 Vac isolation voltage



UL Mark Certification Program Manager





**Certificate Number:** 

UL-US-L214129-31-71900102-4

**Report Reference:** 

E214129-20100917

**Issue Date:** 

2024-08-31

Issued to:

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

This certificate confirms that representative samples of:

FPQU2 - Optical Isolators - Component

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.

UL 1577, Edition 5, Issue Date 2014-04-25, Revision Date 2023-07-06

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 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.



**UL Mark Certification Program Manager** 



Certificate number UL-US-L214129-31-71900102-4

**Report reference** E214129-20100917

Date 2024-08-31

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
ELR0213	Double protection optical isolators,
ELRUZIS	providing 5000 vac isolation
ELR0223	Double protection optical isolators,
ELRU223	providing 5000 vac isolation
ELR0313	Double protection optical isolators,
ELK0313	providing 5000 vac isolation
ELR0323	Double protection optical isolators,
LLI\0323	providing 5000 vac isolation
ELR1213	Double protection optical isolators,
LEICIZIS	providing 5000 vac isolation
ELR1223	Double protection optical isolators,
LLIVIZZS	providing 5000 vac isolation
ELR1313	Double protection optical isolators,
LEI(1313	providing 5000 vac isolation
ELR1323	Double protection optical isolators,
LLIX 1323	providing 5000 vac isolation
ELR2213	Double protection optical isolators,
LLINZZIO	providing 5000 vac isolation
ELR2223	Double protection optical isolators,
LLINZZZO	providing 5000 vac isolation
ELR2313	Double protection optical isolators,
LEI\2313	providing 5000 vac isolation
ELR2323	Double protection optical isolators,
LLI\2525	providing 5000 vac isolation
ELR3202	Double protection optical isolators,
ELN0202	providing 5000 vac isolation
ELR3203	Double protection optical isolators,
LEN0200	providing 5000 vac isolation
ELR3212	Double protection optical isolators,
LLI\UZIZ	providing 5000 vac isolation
ELR3213	Double protection optical isolators,
LLIVOZIO	providing 5000 vac isolation
ELR3222	Double protection optical isolators,
LLINUZZZ	providing 5000 vac isolation
ELR3223	Double protection optical isolators,
ELNJZZJ	providing 5000 vac isolation



**UL Mark Certification Program Manager** 



Certificate number UL-US-L214129-31-71900102-4 Report reference E214129-20100917

Date 2024-08-31

	<del>-</del>
ELR3232	Double protection optical isolators, providing 5000 vac isolation
	Double protection optical isolators,
ELR3233	
	providing 5000 vac isolation
ELR3313	Double protection optical isolators,
	providing 5000 vac isolation
ELR3323	Double protection optical isolators,
22.10020	providing 5000 vac isolation
ELR3402	Double protection optical isolators,
LLINOTOZ	providing 5000 vac isolation
ELR3403	Double protection optical isolators,
LLIN3403	providing 5000 vac isolation
EL D2442	Double protection optical isolators,
ELR3412	providing 5000 vac isolation
EL DO 440	Double protection optical isolators,
ELR3413	providing 5000 vac isolation
<b>-</b> :	Double protection optical isolators,
ELR3422	providing 5000 vac isolation
	Double protection optical isolators,
ELR3423	providing 5000 vac isolation
	Double protection optical isolators,
ELR3432	providing 5000 vac isolation
	Double protection optical isolators,
ELR3433	providing 5000 vac isolation
	Double protection optical isolators,
ELR3502	
	providing 5000 vac isolation
ELR3503	Double protection optical isolators,
	providing 5000 vac isolation
ELR3512	Double protection optical isolators,
	providing 5000 vac isolation
ELR3513	Double protection optical isolators,
==:::00.10	providing 5000 vac isolation
ELR3522	Double protection optical isolators,
ELITO EL	providing 5000 vac isolation
ELR3523	Double protection optical isolators,
LLINOZO	providing 5000 vac isolation
ELR3532	Double protection optical isolators,
ELNOOZ	providing 5000 vac isolation
El D2522	Double protection optical isolators,
ELR3533	providing 5000 vac isolation
FLDOOD	Double protection optical isolators,
ELR3602	providing 5000 vac isolation
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**UL Mark Certification Program Manager** 



Certificate number UL-US-L214129-31-71900102-4 Report reference E214129-20100917

Date 2024-08-31

	D 11 ( c c c 11 1 (
ELR3603	Double protection optical isolators,
	providing 5000 vac isolation
ELR3612	Double protection optical isolators,
	providing 5000 vac isolation
ELR3613	Double protection optical isolators,
	providing 5000 vac isolation
ELR3622	Double protection optical isolators,
	providing 5000 vac isolation
ELR3623	Double protection optical isolators,
221.0020	providing 5000 vac isolation
ELR3632	Double protection optical isolators,
EE1(0032	providing 5000 vac isolation
ELR3633	Double protection optical isolators,
LLN3033	providing 5000 vac isolation
ELR3702	Double protection optical isolators,
ELR3/UZ	providing 5000 vac isolation
EL D2702	Double protection optical isolators,
ELR3703	providing 5000 vac isolation
EL DOZ40	Double protection optical isolators,
ELR3712	providing 5000 vac isolation
El Dozas	Double protection optical isolators,
ELR3713	providing 5000 vac isolation
El Dozoo	Double protection optical isolators,
ELR3722	providing 5000 vac isolation
	Double protection optical isolators,
ELR3723	providing 5000 vac isolation
	Double protection optical isolators,
ELR3732	providing 5000 vac isolation
	Double protection optical isolators,
ELR3733	providing 5000 vac isolation
	Double protection optical isolators,
ELR3802	providing 5000 vac isolation
	Double protection optical isolators,
ELR3803	providing 5000 vac isolation
	Double protection optical isolators,
ELR3812	providing 5000 vac isolation
	Double protection optical isolators,
ELR3813	providing 5000 vac isolation
ELR3822	Double protection optical isolators,
	providing 5000 vac isolation
ELR3823	Double protection optical isolators,
	providing 5000 vac isolation



**UL Mark Certification Program Manager** 



Certificate number UL-US-L214129-31-71900102-4

Report reference E214129-20100917

Date 2024-08-31

ELR3832	Double protection optical isolators, providing 5000 vac isolation
ELR3833	Double protection optical isolators, providing 5000 vac isolation

David Piecuch

**UL Mark Certification Program Manager** 





**Certificate Number:** 

UL-CA-L214129-41-71900102-4

**Report Reference:** 

E214129-20100917

**Issue Date:** 

2024-08-31

Issued to:

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

This certificate confirms that representative samples of:

FPQU8 - Optical Isolators Certified for Canada - Component

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.

## CSA Component Acceptance Service Notice No. 5A, Issue Date: 1998-01-23

Additional Information:

See UL Product iQ® at <a href="https://iq.ulprospector.com">https://iq.ulprospector.com</a> 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.



**UL Mark Certification Program Manager** 



Certificate number UL-CA-L214129-41-71900102-4

**Report reference** E214129-20100917

Date 2024-08-31

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
ELR0213	Double protection optical isolators,
ELR0213	providing 5000 vac isolation
ELR0223	Double protection optical isolators,
LLN0223	providing 5000 vac isolation
ELR0313	Double protection optical isolators,
LEI(0313	providing 5000 vac isolation
ELR0323	Double protection optical isolators,
LLN0323	providing 5000 vac isolation
ELR1213	Double protection optical isolators,
LLIXIZIS	providing 5000 vac isolation
ELR1223	Double protection optical isolators,
ELK1223	providing 5000 vac isolation
ELR1313	Double protection optical isolators,
ELK 1313	providing 5000 vac isolation
ELR1323	Double protection optical isolators,
ELK1323	providing 5000 vac isolation
ELR2213	Double protection optical isolators,
ELRZZIS	providing 5000 vac isolation
ELR2223	Double protection optical isolators,
LLINZZZJ	providing 5000 vac isolation
ELR2313	Double protection optical isolators,
LLINZSTS	providing 5000 vac isolation
ELR2323	Double protection optical isolators,
LLINZUZU	providing 5000 vac isolation
ELR3202	Double protection optical isolators,
LLNOZOZ	providing 5000 vac isolation
ELR3203	Double protection optical isolators,
LLN3203	providing 5000 vac isolation
ELR3212	Double protection optical isolators,
LLNJZ1Z	providing 5000 vac isolation
ELR3213	Double protection optical isolators,
LLINUZIU	providing 5000 vac isolation
ELR3222	Double protection optical isolators,
ELNJZZZ	providing 5000 vac isolation
ELR3223	Double protection optical isolators,
ELR3223	providing 5000 vac isolation

David Piecuch

**UL Mark Certification Program Manager** 



Certificate number UL-CA-L214129-41-71900102-4 Report reference E214129-20100917

Date 2024-08-31

	Double protection optical isolators,
ELR3232	providing 5000 vac isolation
	Double protection optical isolators,
ELR3233	
	providing 5000 vac isolation
ELR3313	Double protection optical isolators,
	providing 5000 vac isolation
ELR3323	Double protection optical isolators,
	providing 5000 vac isolation
ELR3402	Double protection optical isolators,
	providing 5000 vac isolation
ELR3403	Double protection optical isolators,
221.0100	providing 5000 vac isolation
ELR3412	Double protection optical isolators,
LENGTIZ	providing 5000 vac isolation
ELR3413	Double protection optical isolators,
LLN3413	providing 5000 vac isolation
ELR3422	Double protection optical isolators,
ELR3422	providing 5000 vac isolation
EL D2422	Double protection optical isolators,
ELR3423	providing 5000 vac isolation
EL D2422	Double protection optical isolators,
ELR3432	providing 5000 vac isolation
EL DO 400	Double protection optical isolators,
ELR3433	providing 5000 vac isolation
El Bosoo	Double protection optical isolators,
ELR3502	providing 5000 vac isolation
<b>-</b> :	Double protection optical isolators,
ELR3503	providing 5000 vac isolation
_, _ , _ , _	Double protection optical isolators,
ELR3512	providing 5000 vac isolation
<b>F</b> 1 <b>F</b> 2 - 7 2	Double protection optical isolators,
ELR3513	providing 5000 vac isolation
_, _ , _ ,	Double protection optical isolators,
ELR3522	providing 5000 vac isolation
	Double protection optical isolators,
ELR3523	providing 5000 vac isolation
	Double protection optical isolators,
ELR3532	providing 5000 vac isolation
	Double protection optical isolators,
ELR3533	providing 5000 vac isolation
	Double protection optical isolators,
ELR3602	
	providing 5000 vac isolation



**UL Mark Certification Program Manager** 



Certificate number UL-CA-L214129-41-71900102-4 Report reference E214129-20100917

Date 2024-08-31

	Double protection optical isolators,
ELR3603	providing 5000 vac isolation
	Double protection optical isolators,
ELR3612	providing 5000 vac isolation
	Double protection optical isolators,
ELR3613	providing 5000 vac isolation
	Double protection optical isolators,
ELR3622	providing 5000 vac isolation
	Double protection optical isolators,
ELR3623	providing 5000 vac isolation
ELR3632	Double protection optical isolators,
	providing 5000 vac isolation
ELR3633	Double protection optical isolators,
	providing 5000 vac isolation
ELR3702	Double protection optical isolators,
	providing 5000 vac isolation
ELR3703	Double protection optical isolators,
	providing 5000 vac isolation
ELR3712	Double protection optical isolators,
	providing 5000 vac isolation
ELR3713	Double protection optical isolators,
ELIKO TO	providing 5000 vac isolation
ELR3722	Double protection optical isolators,
221.0722	providing 5000 vac isolation
ELR3723	Double protection optical isolators,
EERO/20	providing 5000 vac isolation
ELR3732	Double protection optical isolators,
LENO/ 32	providing 5000 vac isolation
ELR3733	Double protection optical isolators,
LLINOTOS	providing 5000 vac isolation
ELR3802	Double protection optical isolators,
ELNJOUZ	providing 5000 vac isolation
ELR3803	Double protection optical isolators,
ELKSOUS	providing 5000 vac isolation
EL D2012	Double protection optical isolators,
ELR3812	providing 5000 vac isolation
EL D2042	Double protection optical isolators,
ELR3813	providing 5000 vac isolation
El Doggo	Double protection optical isolators,
ELR3822	providing 5000 vac isolation
El Doggo	Double protection optical isolators,
ELR3823	
ELR3823	



**UL Mark Certification Program Manager** 



Certificate number UL-CA-L214129-41-71900102-4

**Report reference** E214129-20100917

Date 2024-08-31

ELR3832	Double protection optical isolators, providing 5000 vac isolation
ELR3833	Double protection optical isolators, providing 5000 vac isolation

David Piecuch

**UL Mark Certification Program Manager** 





**Certificate Number:** 

UL-US-L214129-31-20901102-4

**Report Reference:** 

E214129-20110902

**Issue Date:** 

2024-08-31

Issued to:

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

This certificate confirms that representative samples of:

FPQU2 - Optical Isolators - Component

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.

UL 1577, Edition 5, Issue Date 2014-04-25, Revision Date 2023-07-06

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 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.



**UL Mark Certification Program Manager** 



Certificate number UL-US-L214129-31-20901102-4

**Report reference** E214129-20110902

Date 2024-08-31

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
ELT3010	Double protection optical isolators,
LL13010	providing 5000 vac isolation
ELT3011	Double protection optical isolators,
LL13011	providing 5000 vac isolation
ELT3012	Double protection optical isolators,
LL13012	providing 5000 vac isolation
ELT3013	Double protection optical isolators,
LL13013	providing 5000 vac isolation
ELT3014	Double protection optical isolators,
EL13014	providing 5000 vac isolation
FI T2020	Double protection optical isolators,
ELT3020	providing 5000 vac isolation
ELT3021	Double protection optical isolators,
EL13021	providing 5000 vac isolation
FI T2022	Double protection optical isolators,
ELT3022	providing 5000 vac isolation
FI T2022	Double protection optical isolators,
ELT3023	providing 5000 vac isolation
ELT3024	Double protection optical isolators,
EL13024	providing 5000 vac isolation
ELT3030	Double protection optical isolators,
EL13030	providing 5000 vac isolation
ELT3031	Double protection optical isolators,
EL13031	providing 5000 vac isolation
ELT3032	Double protection optical isolators,
EL13032	providing 5000 vac isolation
ELT3033	Double protection optical isolators,
EL13033	providing 5000 vac isolation
EL T2024	Double protection optical isolators,
ELT3034	providing 5000 vac isolation
FI T2040	Double protection optical isolators,
ELT3040	providing 5000 vac isolation
EL T2044	Double protection optical isolators,
ELT3041	providing 5000 vac isolation
ELT3042	Double protection optical isolators,
	providing 5000 vac isolation



**UL Mark Certification Program Manager** 



Certificate number UL-US-L214129-31-20901102-4

**Report reference** E214129-20110902

Date 2024-08-31

FI T0040	Double protection optical isolators,
ELT3043	providing 5000 vac isolation
ELT3044	Double protection optical isolators,
	providing 5000 vac isolation
EL TOOSO	Double protection optical isolators,
ELT3050	providing 5000 vac isolation
FI 70074	Double protection optical isolators,
ELT3051	providing 5000 vac isolation
El Tagea	Double protection optical isolators,
ELT3052	providing 5000 vac isolation
EL T2052	Double protection optical isolators,
ELT3053	providing 5000 vac isolation
EL T2054	Double protection optical isolators,
ELT3054	providing 5000 vac isolation
ELTOGO	Double protection optical isolators,
ELT3060	providing 5000 vac isolation
ELT2061	Double protection optical isolators,
ELT3061	providing 5000 vac isolation
ELT3062	Double protection optical isolators,
EL13002	providing 5000 vac isolation
ELT3063	Double protection optical isolators,
EL13003	providing 5000 vac isolation
ELT3064	Double protection optical isolators,
LL13004	providing 5000 vac isolation
ELT3070	Double protection optical isolators,
EL13070	providing 5000 vac isolation
ELT3071	Double protection optical isolators,
EE13071	providing 5000 vac isolation
ELT3072	Double protection optical isolators,
ELISOIZ	providing 5000 vac isolation
ELT3073	Double protection optical isolators,
2210070	providing 5000 vac isolation
ELT3074	Double protection optical isolators,
LLIOUTT	providing 5000 vac isolation
ELT3080	Double protection optical isolators,
2210000	providing 5000 vac isolation
ELT3081	Double protection optical isolators,
2210001	providing 5000 vac isolation
ELT3082	Double protection optical isolators,
2210002	providing 5000 vac isolation
ELT3083	Double protection optical isolators,
LL10000	providing 5000 vac isolation



**UL Mark Certification Program Manager** 



Certificate number

UL-US-L214129-31-20901102-4

Report reference

E214129-20110902

Date 2024-08-31

ELT3084	Double protection optical isolators, providing 5000 vac isolation
	providing 5000 vac isolation



**UL Mark Certification Program Manager** 





**Certificate Number:** 

UL-CA-L214129-41-20901102-4

**Report Reference:** 

E214129-20110902

**Issue Date:** 

2024-08-31

Issued to:

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

This certificate confirms that representative samples of:

FPQU8 - Optical Isolators Certified for Canada - Component

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.

## CSA Component Acceptance Service Notice No. 5A, Issue Date: 1998-01-23

Additional Information:

See UL Product iQ® at https://ig.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.



**UL Mark Certification Program Manager** 



Certificate number UL-CA-L214129-41-20901102-4

**Report reference** E214129-20110902

Date 2024-08-31

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
ELT3010	Double protection optical isolators,
ELISUIU	providing 5000 vac isolation
ELT3011	Double protection optical isolators,
	providing 5000 vac isolation
ELT3012	Double protection optical isolators,
	providing 5000 vac isolation
ELT3013	Double protection optical isolators,
	providing 5000 vac isolation
ELT3014	Double protection optical isolators,
	providing 5000 vac isolation
ELT3020	Double protection optical isolators,
EL13020	providing 5000 vac isolation
ELT3021	Double protection optical isolators,
EL13021	providing 5000 vac isolation
ELT3022	Double protection optical isolators,
EL13022	providing 5000 vac isolation
EI T2022	Double protection optical isolators,
ELT3023	providing 5000 vac isolation
ELT3024	Double protection optical isolators,
EL13024	providing 5000 vac isolation
ELT3030	Double protection optical isolators,
EL13030	providing 5000 vac isolation
ELT3031	Double protection optical isolators,
	providing 5000 vac isolation
ELT3032	Double protection optical isolators,
	providing 5000 vac isolation
ELT3033	Double protection optical isolators,
	providing 5000 vac isolation
ELT3034	Double protection optical isolators,
EL13034	providing 5000 vac isolation
ELT3040	Double protection optical isolators,
	providing 5000 vac isolation
ELT3041	Double protection optical isolators,
	providing 5000 vac isolation
ELT3042	Double protection optical isolators,
EL13042	providing 5000 vac isolation

David Piecuch

UL Mark Certification Program Manager



Certificate number UL-CA-L214129-41-20901102-4 Report reference E214129-20110902

Date 2024-08-31

F1 T0040	Double protection optical isolators,
ELT3043	providing 5000 vac isolation
FL T0044	Double protection optical isolators,
ELT3044	providing 5000 vac isolation
ELT3050	Double protection optical isolators,
	providing 5000 vac isolation
ELT3051	Double protection optical isolators,
	providing 5000 vac isolation
ELT3052	Double protection optical isolators,
	providing 5000 vac isolation
ELT3053	Double protection optical isolators,
	providing 5000 vac isolation
ELT3054	Double protection optical isolators,
	providing 5000 vac isolation
<b></b>	Double protection optical isolators,
ELT3060	providing 5000 vac isolation
	Double protection optical isolators,
ELT3061	providing 5000 vac isolation
ELT3062	Double protection optical isolators,
	providing 5000 vac isolation
ELT3063	Double protection optical isolators,
	providing 5000 vac isolation
	Double protection optical isolators,
ELT3064	providing 5000 vac isolation
	Double protection optical isolators,
ELT3070	providing 5000 vac isolation
	Double protection optical isolators,
ELT3071	providing 5000 vac isolation
	Double protection optical isolators,
ELT3072	providing 5000 vac isolation
ELT3073	Double protection optical isolators,
	providing 5000 vac isolation
	Double protection optical isolators,
ELT3074	providing 5000 vac isolation
	Double protection optical isolators,
ELT3080	providing 5000 vac isolation
	Double protection optical isolators,
ELT3081	providing 5000 vac isolation
	Double protection optical isolators,
ELT3082	providing 5000 vac isolation
	Double protection optical isolators,
ELT3083	providing 5000 vac isolation
	providing 3000 vac isolation



**UL Mark Certification Program Manager** 



Certificate number UL-CA-L214129-41-20901102-4

**Report reference** E214129-20110902

Date 2024-08-31

ELT3084	Double protection optical isolators, providing 5000 vac isolation
	providing 5000 vac isolation



**UL Mark Certification Program Manager** 





#### **Certificate Number:**

UL-US-L214129-31-22202102-6

#### **Report Reference:**

E214129-20120222

#### **Issue Date:**

2025-05-29

#### Issued to:

## **EVERLIGHT ELECTRONICS CO LTD**6-8 ZHONGHUA RD SHULIN DISTRICT, NEW TAIPEI, 23860, TW

This certificate confirms that representative samples of:

#### FPQU2 - Optical Isolators - Component

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.

#### UL 1577, Edition 5, Issue Date 2014-04-25, Revision Date 2023-07-06

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 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.



David Piecuch

**UL Mark Certification Program Owner** 

Certificate number UL-US-L214129-31-22202102-6

Report reference E214129-20120222

Date 2025-05-29

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

#### Double protection optical isolators at 5000 Vac isolation voltage

Model(s): EL603A5, EL606A3, EL6150A, EV6150A

Double protection optical isolators, providing 3750 vac isolation

Model(s): ELM406A, ELM440A, ELM460A, ELM640A

#### Double protection optical isolators, providing 5000 vac isolation

**Model(s):** EL3120, EL3140, EL3150, EL3180, EL3184, EL806A, EL810A, EL820A, EL825A, EL835A, EL840A, EL860A, ELS050L, ELS051L, ELS052L, ELS060L, ELS061L, ELS062L, ELS270, ELS271, ELS272, ELS3120,

ELS3140, ELS3150, ELS3180, ELS3184, ELS500, ELS501, ELS600, ELS601, ELS60U, ELS62U

Model(s): E(L,V)K87XX, ELS31KX, ELS51X, ELS61X, ELS68X Where X may be any letters or numbers.

Model(s): EL406X, EL410X, EL420X, EL425X, EL435X, EL440X, EL460X, EL606X, EL610X, EL620X, EL625X,

EL635X, EL640X, EL660X where X may be any letters or numbers.

#### Single protection optical isolators, providing 3750 Vac isolation

Model(s): ELM660A, ELM840A, ELM860A





**Certificate Number:** 

UL-CA-L214129-41-22202102-6

**Report Reference:** 

E214129-20120222

**Issue Date:** 

2025-05-29

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

This certificate confirms that representative samples of:

FPQU8 - Optical Isolators Certified for Canada - Component

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.

#### **CSA Component Acceptance Service Notice No. 5A, Issue Date:** 1998-01-23

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 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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Look for the UL Recognized Component Mark on the product.



David Piecuch

**UL Mark Certification Program Owner** 

Certificate number UL-CA-L214129-41-22202102-6

Report reference E214129-20120222

Date 2025-05-29

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

#### Double protection optical isolators at 5000 Vac isolation voltage

Model(s): EL603A5, EL606A3, EL6150A, EV6150A

Double protection optical isolators, providing 3750 vac isolation

Model(s): ELM406A, ELM440A, ELM460A, ELM640A

#### Double protection optical isolators, providing 5000 vac isolation

**Model(s):** EL3120, EL3140, EL3150, EL3180, EL3184, EL806A, EL810A, EL820A, EL825A, EL835A, EL840A, EL860A, ELS050L, ELS051L, ELS052L, ELS060L, ELS061L, ELS062L, ELS270, ELS271, ELS272, ELS3120,

ELS3140, ELS3150, ELS3180, ELS3184, ELS500, ELS501, ELS600, ELS601, ELS60U, ELS62U

Model(s): E(L,V)K87XX, ELS31KX, ELS51X, ELS61X, ELS68X Where X may be any letters or numbers.

Model(s): EL406X, EL410X, EL420X, EL425X, EL435X, EL440X, EL460X, EL606X, EL610X, EL620X, EL625X,

EL635X, EL640X, EL660X where X may be any letters or numbers.

#### Single protection optical isolators, providing 3750 Vac isolation

Model(s): ELM660A, ELM840A, ELM860A





**Certificate Number:** 

UL-US-2433861-2

**Report Reference:** 

E214129-20240828

**Issue Date:** 

2025-05-29

Issued to:

**EVERLIGHT ELECTRONICS CO LTD**6-8 ZHONGHUA RD SHULIN DISTRICT, NEW TAIPEI, 23860, TW

This certificate confirms that representative samples of:

**FPQU2 - Optical Isolators - Component** 

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.

UL 1577, Edition 5, Issue Date 2014-04-25, Revision Date 2023-07-06

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 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.



David Piecuch

**UL Mark Certification Program Owner** 

Certificate number UL-US-2433861-2 Report reference E214129-20240828

Date 2025-05-29

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

#### Double protection optical isolators at 3750 Vac isolation voltage

**Model(s):** E(L,V)M4XT, E(L,V)M6X(A~Z), E(L,V)MPVXXXX, ELM403AX, ELM406AX, ELQC3HX , where X may be any letters or numbers.

#### Double protection optical isolators at 3750 vac isolation

**Model(s):** ELMXK, ELXHK Where X may be any letters or numbers. **Model(s):** EL01XX, EL33XJ Where X may be any letters or numbers.

#### Double protection optical isolators at 5000 Vac isolation voltage

**Model(s):** E(L,V)16XX0A, E(L,V)K4XT, E(L,V)M88X, EL68XX, ELW13XX, EVKPVXXXX , where X may be any letters or numbers.

**Model(s):** EL27KX where K and X may be any letters or numbers.

#### Double protection optical isolators at 5000 vac isolation

Model(s): E(L,V)K78XX, E(L,V)K79XX, E(L,V)K87XX Where X may be any letters or numbers.

**Model(s):** ELMLXK Where X may be any letters or numbers.

#### Double protection optical isolators at 5000 vac isolation.

**Model(s):** EL27KX Where K and X may be any letters or numbers.

**Model(s):** E(L,V)61XXA, E(L,V)78XX, E(L,V)79XX Where X may be any letters or numbers.

#### Double protection optical isolators at 7500 Vac isolation voltage

**Model(s):** ELH31XX, ELH6X(A~Z), where X may be any letters or numbers.

#### Double protection optical isolators at 7500 vac isolation

Model(s): ELH51X, ELHXK Where X may be any letters or numbers.

Model(s): E(L,V)87XX, E(L,V)H78XX, E(L,V)H79XX, E(L,V)H87XX, ELHXXK Where X may be any letters or

numbers.

#### Single protection optical isolators at 5000 Vac isolation voltage

**Model(s):** E(L,V)LPVXXXX, where X may be any letters or numbers.





**Certificate Number:** 

UL-CA-2426211-2

**Report Reference:** 

E214129-20240828

**Issue Date:** 

2025-05-29

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

This certificate confirms that representative samples of:

FPQU8 - Optical Isolators Certified for Canada - Component

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.

## CSA Component Acceptance Service Notice No. 5A, Issue Date: 1998-01-23

Additional Information:

See UL Product iQ® at https://iq.ulprospector.com for additional information.

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Look for the UL Recognized Component Mark on the product.



David Piecuch

**UL Mark Certification Program Owner** 

Certificate number UL-CA-2426211-2 Report reference E214129-20240828

Date 2025-05-29

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

#### Double protection optical isolators at 3750 Vac isolation voltage

**Model(s):** E(L,V)M4XT, E(L,V)M6X(A~Z), E(L,V)MPVXXXX, ELM403AX, ELM406AX, ELQC3HX , where X may be any letters or numbers.

#### Double protection optical isolators at 3750 vac isolation

**Model(s):** ELMXK, ELXHK Where X may be any letters or numbers. **Model(s):** EL01XX, EL33XJ Where X may be any letters or numbers.

#### Double protection optical isolators at 5000 Vac isolation voltage

Model(s): E(L,V)16XX0A, E(L,V)K4XT, E(L,V)M88X, EL68XX, ELW13XX, EVKPVXXXX , where X may be any

letters or numbers.

**Model(s):** EL27KX where K and X may be any letters or numbers.

#### Double protection optical isolators at 5000 vac isolation

**Model(s):** E(L,V)K78XX, E(L,V)K79XX, E(L,V)K87XX Where X may be any letters or numbers.

**Model(s):** ELMLXK Where X may be any letters or numbers.

#### Double protection optical isolators at 5000 vac isolation.

**Model(s):** EL27KX Where K and X may be any letters or numbers.

**Model(s):** E(L,V)61XXA, E(L,V)78XX, E(L,V)79XX Where X may be any letters or numbers.

#### Double protection optical isolators at 7500 Vac isolation voltage

Model(s): ELH31XX, ELH6X(A~Z), where X may be any letters or numbers.

#### Double protection optical isolators at 7500 vac isolation

**Model(s):** ELH51X, ELHXK Where X may be any letters or numbers.

Model(s): E(L,V)87XX, E(L,V)H78XX, E(L,V)H79XX, E(L,V)H87XX, ELHXXK Where X may be any letters or

numbers.

#### Single protection optical isolators at 5000 Vac isolation voltage

**Model(s):** E(L,V)LPVXXXX, where X may be any letters or numbers.

