Certificate Number UL-CA-L466402-171-81104102-1

Report Reference E466402-20140118

Date 14-Apr-2023

Issued to: ESTUN AUTOMATION CO LTD

No.1888 Jiyin Ave, Jiangning Development Zone Nanjing,

Jiangsu 211100

China

This is to certify that representative samples of

PRHZ8 - Servo and Stepper Motors 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.

Standard(s) for Safety: CSA C22.2 NO. 100, 7th Ed., Issue Date: 2014-07-01,

Revision Date: 2017-04-01

Additional Information: See the UL Online Certifications Directory 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.

Deborah Jennings-Conner, VP Regulatory Services

UL LLC



Certificate Number UL-CA-L466402-171-81104102-1

Report Reference E466402-20140118

Date 14-Apr-2023

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

| Model | Category Description |
|--|---|
| EM3A-01A##&&&-*, Where '#' stands for A-Z to indicate | Linear - Servo Motor |
| encoder soft edition, '&' stands for 0-9 to indicate the | |
| mechanical structure of the shaft, '*' stands for 0-9 or A-Z | |
| or any other form to indicate client number. | |
| EM3A-02A##&&&-*, Where '#' stands for A-Z to indicate | Linear - Servo Motor |
| encoder soft edition, '&' stands for 0-9 to indicate the | |
| mechanical structure of the shaft, '*' stands for 0-9 or A-Z | |
| or any other form to indicate client number. | - |
| EM3A-04A##&&&-*, Where '#' stands for A-Z to indicate | Linear - Servo Motor |
| encoder soft edition, '&' stands for 0-9 to indicate the | |
| mechanical structure of the shaft, '*' stands for 0-9 or A-Z | |
| or any other form to indicate client number. | $A \cap A \cap$ |
| EM3A-08A##&&&-*, Where '#' stands for A-Z to indicate | Linear - Servo Motor |
| encoder soft edition, '&' stands for 0-9 to indicate the | |
| mechanical structure of the shaft, '*' stands for 0-9 or A-Z | |
| or any other form to indicate client number. | VII. VII. VII. VII. V |
| EM3A-10A##&&&-*, Where '#' stands for A-Z to indicate | Linear - Servo Motor |
| encoder soft edition, '&' stands for 0-9 to indicate the | |
| mechanical structure of the shaft, '*' stands for 0-9 or A-Z | |
| or any other form to indicate client number. | <u>K UL K UL K UL K UL K</u> |
| EM3A-15A##&&&-* | Linear - Servo Motor |
| EM3A-15D##&&-* | Linear - Servo Motor |
| EM3A-20A##&&&-* | Linear - Servo Motor |
| EM3A-20D##&&-* | Linear - Servo Motor |
| EM3A-30D##&&-* | Linear - Servo Motor |
| EM3A-A5A##&&&-*, Where '#' stands for A-Z to indicate | Linear - Servo Motor |
| encoder soft edition, '&' stands for 0-9 to indicate the | |
| mechanical structure of the shaft, '*' stands for 0-9 or A-Z | |
| or any other form to indicate client number. | $\wedge \wedge \wedge \wedge$ |
| EM3G-55D##&&-* | Linear - Servo Motor |
| EM3G-63D##&&-* | Linear - Servo Motor |
| EM3J-02A##&&-* | Linear - Servo Motor |
| EMG-10A##&&-*, Where '#' stands for A-Z to indicate | Linear - Servo Motor |
| encoder soft edition, '&' stands for 0-9 to indicate the | |
| mechanical structure of the shaft, '*' stands for 0-9 or A-Z | |
| or any other form to indicate client number. | AAAA |
| EMG-15A##&&-*, Where '#' stands for A-Z to indicate | Linear - Servo Motor |
| encoder soft edition, '&' stands for 0-9 to indicate the | |
| mechanical structure of the shaft, '*' stands for 0-9 or A-Z | |
| or any other form to indicate client number. | |

Olbrah Jennings-Counce

(UL)

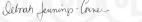
Deborah Jennings-Conner, VP Regulatory Services

Certificate Number UL-CA-L466402-171-81104102-1

Report Reference E466402-20140118

Date 14-Apr-2023

| EMG-20A##&&-*, Where '#' stands for A-Z to indicate encoder soft edition, '&' stands for 0-9 to indicate the mechanical structure of the shaft, '*' stands for 0-9 or A-Z | Linear - Servo Motor |
|---|----------------------|
| or any other form to indicate client number. | Lineau Comio Motor |
| EMG-30A##&&-*, Where '#' stands for A-Z to indicate encoder soft edition, '&' stands for 0-9 to indicate the | Linear - Servo Motor |
| mechanical structure of the shaft, '*' stands for 0-9 or A-Z | |
| or any other form to indicate client number. | |
| EMG-30A?A??-UL | Linear - Servo Motor |
| EMG-50A##&&-*, Where '#' stands for A-Z to indicate | Linear - Servo Motor |
| encoder soft edition, '&' stands for 0-9 to indicate the | |
| mechanical structure of the shaft, '*' stands for 0-9 or A-Z | |
| or any other form to indicate client number. | |
| EMG-50A?A??-UL | Linear - Servo Motor |
| EMJ-02A##&&-* | Linear - Servo Motor |
| EMJ-02B##&&-* | Linear - Servo Motor |
| EMJ-04A##&&-* | Linear - Servo Motor |
| EMJ-04B##&&-* | Linear - Servo Motor |
| EMJ-08A##&&-* | Linear - Servo Motor |
| EMJ-08B##&&-* | Linear - Servo Motor |
| EMJ-10A##&&-* | Linear - Servo Motor |
| EMR-01A##&&&-* | Linear - Servo Motor |
| EMR-02A##&&&-* | Linear - Servo Motor |
| EMR-04A##&&&-* | Linear - Servo Motor |
| EMR-08A##&&&-* | Linear - Servo Motor |
| EMR-10A##&&&-* | Linear - Servo Motor |
| EMR-10A##&&-* | Linear - Servo Motor |
| EMR-15A##&&-* | Linear - Servo Motor |
| EMR-20A##&&-* | Linear - Servo Motor |
| EMR-30A##&&-* | Linear - Servo Motor |
| EMR-50A##&&-* | Linear - Servo Motor |
| EMR-A5A##&&&-* | Linear - Servo Motor |





Certificate Number UL-

UL-US-L466402-141-81104102-1

Report Reference

E466402-20140118

Date

14-Apr-2023

Issued to:

ESTUN AUTOMATION COLTD

No.1888 Jiyin Ave, Jiangning Development Zone Nanjing,

Jiangsu 211100

China

This is to certify that representative samples of

PRHZ2 - Servo and Stepper Motors - 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.

Standard(s) for Safety:

UL 1004-1, 2nd Ed., Issue Date: 2012-09-19, Revision Date: 2020-11-05, UL 1004-6, 2nd Ed., Issue Date: 2012-

06-06, Revision Date: 2022-03-17

Additional Information:

See the UL Online Certifications Directory at

https://iq.ulprospector.com for additional information

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Recognized Component Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.

Deborah Jennings-Conner, VP Regulatory Services

UL LLC



Certificate Number UL-US-L466402-141-81104102-1

Report Reference E466402-20140118

Date 14-Apr-2023

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

| Model | Category Description |
|--|--|
| EM3A-01A##&&&-*, Where '#' stands for A-Z to indicate | Linear - Servo Motor |
| encoder soft edition, '&' stands for 0-9 to indicate the | |
| mechanical structure of the shaft, '*' stands for 0-9 or A-Z | |
| or any other form to indicate client number. | |
| EM3A-02A##&&&-*, Where '#' stands for A-Z to indicate | Linear - Servo Motor |
| encoder soft edition, '&' stands for 0-9 to indicate the | |
| mechanical structure of the shaft, '*' stands for 0-9 or A-Z | |
| or any other form to indicate client number. | - |
| EM3A-04A##&&-*, Where '#' stands for A-Z to indicate | Linear - Servo Motor |
| encoder soft edition, '&' stands for 0-9 to indicate the | |
| mechanical structure of the shaft, '*' stands for 0-9 or A-Z | |
| or any other form to indicate client number. | $A \cap X \cap $ |
| EM3A-08A##&&-*, Where '#' stands for A-Z to indicate | Linear - Servo Motor |
| encoder soft edition, '&' stands for 0-9 to indicate the | |
| mechanical structure of the shaft, '*' stands for 0-9 or A-Z | |
| or any other form to indicate client number. | VII. VIII. VIII. VIII. V |
| EM3A-10A##&&-*, Where '#' stands for A-Z to indicate | Linear - Servo Motor |
| encoder soft edition, '&' stands for 0-9 to indicate the | |
| mechanical structure of the shaft, '*' stands for 0-9 or A-Z | |
| or any other form to indicate client number. | K OL K OL K OL K OL K |
| EM3A-15A##&&-* | Linear - Servo Motor |
| EM3A-15D##&&-* | Linear - Servo Motor |
| EM3A-20A##&&-* | Linear - Servo Motor |
| EM3A-20D##&&-* | Linear - Servo Motor |
| EM3A-30D##&&-* | Linear - Servo Motor |
| EM3A-A5A##&&&-*, Where '#' stands for A-Z to indicate | Linear - Servo Motor |
| encoder soft edition, '&' stands for 0-9 to indicate the | |
| mechanical structure of the shaft, '*' stands for 0-9 or A-Z | |
| or any other form to indicate client number. | $\wedge \wedge \wedge \wedge$ |
| EM3G-55D##&&-* | Linear - Servo Motor |
| EM3G-63D##&&&-* | Linear - Servo Motor |
| EM3J-02A##&&-* | Linear - Servo Motor |
| EMG-10A##&&-*, Where '#' stands for A-Z to indicate | Linear - Servo Motor |
| encoder soft edition, '&' stands for 0-9 to indicate the | |
| mechanical structure of the shaft, '*' stands for 0-9 or A-Z | |
| or any other form to indicate client number. | |
| EMG-15A##&&-*, Where '#' stands for A-Z to indicate | Linear - Servo Motor |
| encoder soft edition, '&' stands for 0-9 to indicate the | |
| mechanical structure of the shaft, '*' stands for 0-9 or A-Z | |
| or any other form to indicate client number. | |

Olbrah Jennings-Counce

(UL)

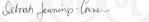
Deborah Jennings-Conner, VP Regulatory Services

Certificate Number UL-US-L466402-141-81104102-1

Report Reference E466402-20140118

Date 14-Apr-2023

| EMG-20A##&&-*, Where '#' stands for A-Z to indicate encoder soft edition, '&' stands for 0-9 to indicate the mechanical structure of the shaft, '*' stands for 0-9 or A-Z | Linear - Servo Motor |
|---|----------------------|
| or any other form to indicate client number. EMG-30A##&&-*, Where '#' stands for A-Z to indicate | Linear - Servo Motor |
| encoder soft edition, '&' stands for 0-9 to indicate the mechanical structure of the shaft, '*' stands for 0-9 or A-Z | |
| or any other form to indicate client number. | Linear Comia Mater |
| EMG-30A?A??-UL | Linear - Servo Motor |
| EMG-50A##&&-*, Where '#' stands for A-Z to indicate encoder soft edition, '&' stands for 0-9 to indicate the | Linear - Servo Motor |
| mechanical structure of the shaft, '*' stands for 0-9 or A-Z | |
| or any other form to indicate client number. | |
| EMG-50A?A??-UL | Linear - Servo Motor |
| EMJ-02A##&&-* | Linear - Servo Motor |
| EMJ-02B##&&-* | Linear - Servo Motor |
| EMJ-04A##&&-* | Linear - Servo Motor |
| EMJ-04B##&&-* | Linear - Servo Motor |
| EMJ-08A##&&-* | Linear - Servo Motor |
| EMJ-08B##&&-* | Linear - Servo Motor |
| EMJ-10A##&&-* | Linear - Servo Motor |
| EMR-01A##&&&-* | Linear - Servo Motor |
| EMR-02A##&&&-* | Linear - Servo Motor |
| EMR-04A##&&&-* | Linear - Servo Motor |
| EMR-08A##&&&-* | Linear - Servo Motor |
| EMR-10A##&&&-* | Linear - Servo Motor |
| EMR-10A##&&-* | Linear - Servo Motor |
| EMR-15A##&&-* | Linear - Servo Motor |
| EMR-20A##&&-* | Linear - Servo Motor |
| EMR-30A##&&-* | Linear - Servo Motor |
| EMR-50A##&&-* | Linear - Servo Motor |
| EMR-A5A##&&&-* | Linear - Servo Motor |





Certificate Number UL-CA-L466402-91-81104102-1

Report Reference E466402-20140118

Date 14-Apr-2023

Issued to: ESTUN AUTOMATION CO LTD

No.1888 Jiyin Ave, Jiangning Development Zone Nanjing,

Jiangsu 211100

China

This is to certify that representative samples of

PRHZ8 - Servo and Stepper Motors 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.

Standard(s) for Safety: CSA C22.2 NO. 100, 7th Ed., Issue Date: 2014-07-01,

Revision Date: 2017-04-01

Additional Information: See the UL Online Certifications Directory at

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Deborah Jennings-Conner, VP Regulatory Services

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at http://ul.com/abouts/l/lections/



Certificate Number UL-CA-L466402-91-81104102-1

Report Reference E466402-20140118

Date 14-Apr-2023

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

| Model | Category Description |
|-----------------|----------------------|
| EMG-10A#B*\$-UL | Legacy Motor |
| EMG-15A#B*\$-UL | Legacy Motor |
| EMG-20A#B*\$-UL | Legacy Motor |
| EMJ-04A#B*\$-UL | Legacy Motor |
| EMJ-08A#B*\$-UL | Legacy Motor |
| EMJ-10A#B*\$-UL | Legacy Motor |

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Deborah Jennings-Conner, VP Regulatory Services

UL LLC



Certificate Number U

UL-US-L466402-81-81104102-1

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14-Apr-2023

Issued to:

ESTUN AUTOMATION CO LTD

No.1888 Jiyin Ave, Jiangning Development Zone Nanjing,

Jiangsu 211100

China

This is to certify that representative samples of

PRHZ2 - Servo and Stepper Motors - 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

in certain constructional features or restricted in

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

Standard(s) for Safety:

UL 1004-1, 2nd Ed., Issue Date: 2012-09-19, Revision Date: 2020-11-05, UL 1004-6, 2nd Ed., Issue Date: 2012-

06-06, Revision Date: 2022-03-17

Additional Information:

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Deborah Jennings-Conner, VP Regulatory Services

UL LLC

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Certificate Number UL-US-L466402-81-81104102-1

Report Reference E466402-20140118

Date 14-Apr-2023

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

| Model | Category Description |
|-----------------|----------------------|
| EMG-10A#B*\$-UL | Legacy Motor |
| EMG-15A#B*\$-UL | Legacy Motor |
| EMG-20A#B*\$-UL | Legacy Motor |
| EMJ-04A#B*\$-UL | Legacy Motor |
| EMJ-08A#B*\$-UL | Legacy Motor |
| EMJ-10A#B*\$-UL | Legacy Motor |

Deborah Jennings-Conner, VP Regulatory Services

UL LLC

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