

# Certificate of Compliance

**Certificate Number:**

UL-US-2343495-3

**Report Reference:**

E312527-20231026

**Issue Date:**

2024-07-31

Issued to:

**ABB France**  
**11 Rue d'Arsonval Chassieu 69680**  
**France**

This certificate confirms that representative samples of:

**NLDX - Motor Controllers, Magnetic**

**See Addendum Page for Product Designation(s).**

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

**UL 60947-1, 5th Ed., Issue Date: 2013-07-31, Revision Date: 2019-05-06, UL 60947-4-1, 3rd Ed., Issue Date: 2014-04-04, Revision Date: 2017-10-17**

Additional Information:

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

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

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

Look for the UL Certification Mark on the product.



David Piecuch  
UL Mark Certification Program Manager



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# CERTIFICATE OF COMPLIANCE

Certificate number UL-US-2343495-3  
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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        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| AEG Brand Cat. Nos. LC04N                                                                                                                                               | Magnetic Motor Controllers |
| <b>AFC</b> , AFC09, followed by -30, may be followed by -01, -10, or -22, may be followed by L, followed by K, may be followed by 2 digits, may be followed by H.       | Magnetic Motor Controllers |
| <b>AFC</b> , AFC09, followed by -30, may be followed by -01, -10, or -22, may be followed by L, may be followed by 2 digits, may be followed by H                       | Magnetic Motor Controllers |
| AFC09, AFC12, AFC16, AFC25 followed by -30,, may be followed by -01, -10, or -22, may be followed by L, followed by 2 digits.                                           | Magnetic Motor Controllers |
| AFC09M, by B, followed by -30, may be followed by -00, -11, or -22, may be followed by L, followed by 2 digits.                                                         | Magnetic Motor Controllers |
| <b>AFC(S)-N</b> , AFC09N00, may be followed by K                                                                                                                        | Magnetic Motor Controllers |
| <b>AFC(S)-R</b> , AFC09R, may be followed by K                                                                                                                          | Magnetic Motor Controllers |
| <b>AFC</b> , AFC12, followed by -30, may be followed by -01, -10, or -22, may be followed by L, followed by K, may be followed by 2 digits, may be followed by H.       | Magnetic Motor Controllers |
| <b>AFC</b> , AFC12, followed by -30, may be followed by -01, -10, or -22, may be followed by L, followed by K, may be followed by 2 digits, may be followed by H        | Magnetic Motor Controllers |
| <b>AFC(S)-M</b> , AFC12M, may be followed by K                                                                                                                          | Magnetic Motor Controllers |
| <b>AFC(S)-N</b> , AFC12N0, may be followed by K                                                                                                                         | Magnetic Motor Controllers |
| <b>AFC(S)-R</b> , AFC12R, may be followed by K                                                                                                                          | Magnetic Motor Controllers |
| <b>AFC</b> , AFC16, followed by -30, may be followed by -01, -10, or -22, may be followed by L, followed by K, may be followed by 2 digits, may be followed by H.       | Magnetic Motor Controllers |
| <b>AFC</b> , AFC16, may be followed by B, followed by -30, may be followed by -01, -10, or -22, may be followed by L, may be followed by 2 digits, may be followed by H | Magnetic Motor Controllers |
| <b>AFC</b> , AFC16-K, followed by -30, may be followed by -01, -10, or -22, may be followed by L, followed by K, may be followed by 2 digits                            | Magnetic Motor Controllers |
| <b>AFC(S)-M</b> , AFC16M, may be followed by K                                                                                                                          | Magnetic Motor Controllers |
| <b>AFC(S)-R</b> , AFC16R, may be followed by K                                                                                                                          | Magnetic Motor Controllers |
| <b>AFC</b> , AFC25, followed by -30, may be followed by -01, -10, or -22, may be followed by L, followed by K, may be followed by 2 digits, may be followed by H.       | Magnetic Motor Controllers |



David Piecuch  
UL Mark Certification Program Manager

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**Date** 2024-07-31

|                                                                                                                                                                  |                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| <b>AFC</b> , AFC25, followed by -30, may be followed by -01, -10, or -22, may be followed by L, followed by K, may be followed by 2 digits, may be followed by H | Magnetic Motor Controllers |
| <b>AFC</b> , AFC26, followed by -30, may be followed by -00, -11, or -22, may be followed by L, followed by K, may be followed by 2 digits, may be followed by H | Magnetic Motor Controllers |
| <b>AFC</b> , AFC26,, followed by -30, may be followed by -01, -10, or -22, may be followed by L, may be followed by 2 digits, may be followed by H.              | Magnetic Motor Controllers |
| AFC26, AFC30, AFC38 followed by -30,, may be followed by -00, -11, or -22, may be followed by L, followed by 2 digits.                                           | Magnetic Motor Controllers |
| <b>AFC(S)-M</b> , AFC26M, may be followed by K                                                                                                                   | Magnetic Motor Controllers |
| <b>AFC(S)-N</b> , AFC26N1, may be followed by K                                                                                                                  | Magnetic Motor Controllers |
| <b>AFC(S)-R</b> , AFC26R, may be followed by K                                                                                                                   | Magnetic Motor Controllers |
| <b>AFC</b> , AFC30, followed by -30, may be followed by -00, -11, or -22, may be followed by L, followed by K, may be followed by 2 digits, may be followed by H | Magnetic Motor Controllers |
| <b>AFC</b> , AFC30,, followed by -30, may be followed by -01, -10, or -22, may be followed by L, may be followed by 2 digits, may be followed by H.              | Magnetic Motor Controllers |
| <b>AFC(S)-M</b> , AFC30M, may be followed by K                                                                                                                   | Magnetic Motor Controllers |
| <b>AFC(S)-R</b> , AFC30R, may be followed by K                                                                                                                   | Magnetic Motor Controllers |
| <b>AFC</b> , AFC38, followed by -30, may be followed by -00, -11, or -22, may be followed by L, followed by K, may be followed by 2 digits, may be followed by H | Magnetic Motor Controllers |
| <b>AFC</b> , AFC38,, followed by -30, may be followed by -01, -10, or -22, may be followed by L, may be followed by 2 digits, may be followed by H.              | Magnetic Motor Controllers |
| AFC38-30                                                                                                                                                         | Magnetic Motor Controllers |
| <b>AFC(S)-M</b> , AFC38M, may be followed by K                                                                                                                   | Magnetic Motor Controllers |
| <b>AFC(S)-R</b> , AFC38R, may be followed by K                                                                                                                   | Magnetic Motor Controllers |
| LD38-4                                                                                                                                                           | Magnetic Motor Controllers |
| LDC4, may be followed by K                                                                                                                                       | Magnetic Motor Controllers |
| LF16-4                                                                                                                                                           | Magnetic Motor Controllers |
| LF38-4                                                                                                                                                           | Magnetic Motor Controllers |
| LG16-4                                                                                                                                                           | Magnetic Motor Controllers |
| LH38-4                                                                                                                                                           | Magnetic Motor Controllers |
| LS04N, followed by -30, may be followed by -01, -10, followed by 2 letters.                                                                                      | Magnetic Motor Controllers |
| LS05N, followed by -30, may be followed by -01, -10, followed by 2 letters.                                                                                      | Magnetic Motor Controllers |



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|                                                                             |                            |
|-----------------------------------------------------------------------------|----------------------------|
| LS07N, followed by -30, may be followed by –01, –10, followed by 2 letters. | Magnetic Motor Controllers |
| LS11N, followed by -30, followed by –00, followed by 2 letters.             | Magnetic Motor Controllers |
| LS15N, followed by -30, followed by –00, followed by 2 letters.             | Magnetic Motor Controllers |
| LS18N, followed by -30, followed by –00, followed by 2 letters.             | Magnetic Motor Controllers |
| S1-M3-35                                                                    | Magnetic Motor Controllers |



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# Certificate of Compliance

**Certificate Number:**

UL-CA-2337656-3

**Report Reference:**

E312527-20231026

**Issue Date:**

2024-07-31

Issued to:

**ABB France**  
**11 Rue d'Arsonval Chassieu 69680**  
**France**

This certificate confirms that representative samples of:

**NLDX7 - Motor Controllers, Magnetic Certified for Canada**

**See Addendum Page for Product Designation(s).**

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

**CSA C22.2 No. 60947-1, 2nd Ed., Issue Date: 2013-07-01, CSA C22.2 NO. 60947-4-1, 2nd Ed., Issue Date: 2014-04-04, Revised 2018-05**

Additional Information:

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| Model                                                                                                                                                                   | Product Description        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| AEG Brand Cat. Nos. LC04N                                                                                                                                               | Magnetic Motor Controllers |
| <b>AFC</b> , AFC09, followed by -30, may be followed by -01, -10, or -22, may be followed by L, followed by K, may be followed by 2 digits, may be followed by H.       | Magnetic Motor Controllers |
| <b>AFC</b> , AFC09, followed by -30, may be followed by -01, -10, or -22, may be followed by L, may be followed by 2 digits, may be followed by H                       | Magnetic Motor Controllers |
| AFC09, AFC12, AFC16, AFC25 followed by -30,, may be followed by -01, -10, or -22, may be followed by L, followed by 2 digits.                                           | Magnetic Motor Controllers |
| AFC09M, by B, followed by -30, may be followed by -00, -11, or -22, may be followed by L, followed by 2 digits.                                                         | Magnetic Motor Controllers |
| <b>AFC(S)-N</b> , AFC09N00, may be followed by K                                                                                                                        | Magnetic Motor Controllers |
| <b>AFC(S)-R</b> , AFC09R, may be followed by K                                                                                                                          | Magnetic Motor Controllers |
| <b>AFC</b> , AFC12, followed by -30, may be followed by -01, -10, or -22, may be followed by L, followed by K, may be followed by 2 digits, may be followed by H.       | Magnetic Motor Controllers |
| <b>AFC</b> , AFC12, followed by -30, may be followed by -01, -10, or -22, may be followed by L, followed by K, may be followed by 2 digits, may be followed by H        | Magnetic Motor Controllers |
| <b>AFC(S)-M</b> , AFC12M, may be followed by K                                                                                                                          | Magnetic Motor Controllers |
| <b>AFC(S)-N</b> , AFC12N0, may be followed by K                                                                                                                         | Magnetic Motor Controllers |
| <b>AFC(S)-R</b> , AFC12R, may be followed by K                                                                                                                          | Magnetic Motor Controllers |
| <b>AFC</b> , AFC16, followed by -30, may be followed by -01, -10, or -22, may be followed by L, followed by K, may be followed by 2 digits, may be followed by H.       | Magnetic Motor Controllers |
| <b>AFC</b> , AFC16, may be followed by B, followed by -30, may be followed by -01, -10, or -22, may be followed by L, may be followed by 2 digits, may be followed by H | Magnetic Motor Controllers |
| <b>AFC</b> , AFC16-K, followed by -30, may be followed by -01, -10, or -22, may be followed by L, followed by K, may be followed by 2 digits                            | Magnetic Motor Controllers |
| <b>AFC(S)-M</b> , AFC16M, may be followed by K                                                                                                                          | Magnetic Motor Controllers |
| <b>AFC(S)-R</b> , AFC16R, may be followed by K                                                                                                                          | Magnetic Motor Controllers |
| <b>AFC</b> , AFC25, followed by -30, may be followed by -01, -10, or -22, may be followed by L, followed by K, may be followed by 2 digits, may be followed by H.       | Magnetic Motor Controllers |



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| <b>AFC</b> , AFC26,, followed by -30, may be followed by -01, -10, or -22, may be followed by L, may be followed by 2 digits, may be followed by H.              | Magnetic Motor Controllers |
| AFC26, AFC30, AFC38 followed by -30,, may be followed by -00, -11, or -22, may be followed by L, followed by 2 digits.                                           | Magnetic Motor Controllers |
| <b>AFC(S)-M</b> , AFC26M, may be followed by K                                                                                                                   | Magnetic Motor Controllers |
| <b>AFC(S)-N</b> , AFC26N1, may be followed by K                                                                                                                  | Magnetic Motor Controllers |
| <b>AFC(S)-R</b> , AFC26R, may be followed by K                                                                                                                   | Magnetic Motor Controllers |
| <b>AFC</b> , AFC30, followed by -30, may be followed by -00, -11, or -22, may be followed by L, followed by K, may be followed by 2 digits, may be followed by H | Magnetic Motor Controllers |
| <b>AFC</b> , AFC30,, followed by -30, may be followed by -01, -10, or -22, may be followed by L, may be followed by 2 digits, may be followed by H.              | Magnetic Motor Controllers |
| <b>AFC(S)-M</b> , AFC30M, may be followed by K                                                                                                                   | Magnetic Motor Controllers |
| <b>AFC(S)-R</b> , AFC30R, may be followed by K                                                                                                                   | Magnetic Motor Controllers |
| <b>AFC</b> , AFC38, followed by -30, may be followed by -00, -11, or -22, may be followed by L, followed by K, may be followed by 2 digits, may be followed by H | Magnetic Motor Controllers |
| <b>AFC</b> , AFC38,, followed by -30, may be followed by -01, -10, or -22, may be followed by L, may be followed by 2 digits, may be followed by H.              | Magnetic Motor Controllers |
| AFC38-30                                                                                                                                                         | Magnetic Motor Controllers |
| <b>AFC(S)-M</b> , AFC38M, may be followed by K                                                                                                                   | Magnetic Motor Controllers |
| <b>AFC(S)-R</b> , AFC38R, may be followed by K                                                                                                                   | Magnetic Motor Controllers |
| LD38-4                                                                                                                                                           | Magnetic Motor Controllers |
| LDC4, may be followed by K                                                                                                                                       | Magnetic Motor Controllers |
| LF16-4                                                                                                                                                           | Magnetic Motor Controllers |
| LF38-4                                                                                                                                                           | Magnetic Motor Controllers |
| LG16-4                                                                                                                                                           | Magnetic Motor Controllers |
| LH38-4                                                                                                                                                           | Magnetic Motor Controllers |
| LS04N, followed by -30, may be followed by -01, -10, followed by 2 letters.                                                                                      | Magnetic Motor Controllers |
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