Certificate Number UL-CA-2337656-0 Report Reference E312527-20231026

> Date 6-Nov-2023

ABB France Issued to:

> 11 Rue d'Arsonval Chassieu 69680

France

This is to certify 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, Standard(s) for Safety:

CSA C22.2 NO. 60947-4-1, 2nd Ed., Issue Date: 2014-04-

04, Revised 2018-05

Additional Information: See the UL Online Certifications Directory at

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

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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.

Deborah Jennings-Conner, VP Regulatory Services





Certificate Number UL-CA-2337656-0
Report Reference E312527-20231026

Date 6-Nov-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
AEG Brand Cat. Nos. LC04N	Magnetic Motor Controllers
AFC, 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	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.	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.	Motor controllers
AFC(S)-N, AFC09N00, may be followed by K	Magnetic Motor Controllers
AFC(S)-R, AFC09R, may be followed by K	Magnetic Motor Controllers
AFC, 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	Magnetic Motor Controllers
AFC(S)-M, AFC12M, may be followed by K	Magnetic Motor Controllers
AFC(S)-N, AFC12N0, may be followed by K	Magnetic Motor Controllers
AFC(S)-R, AFC12R, may be followed by K	Magnetic Motor Controllers
AFC, 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
AFC(S)-M, AFC16M, may be followed by K	Magnetic Motor Controllers
AFC(S)-R, AFC16R, may be followed by K	Magnetic Motor Controllers
AFC, 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	Magnetic Motor Controllers
AFC26	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.	Motor controllers
AFC(S)-M, AFC26M, may be followed by K	Magnetic Motor Controllers
AFC(S)-N, AFC26N1, may be followed by K	Magnetic Motor Controllers
AFC(S)-R, AFC26R, may be followed by K	Magnetic Motor Controllers
AFC, 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.	Magnetic Motor Controllers
AFC(S)-M, AFC30M, may be followed by K	Magnetic Motor Controllers
AFC(S)-R, AFC30R, may be followed by K	Magnetic Motor Controllers

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Deborah Jennings-Conner, VP Regulatory Services

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AFC, AFC38, followed by -30, may be followed by -00, -	Magnetic Motor Controllers
11, or –22, may be followed by L, followed by K, may be followed by 2 digits.	
AFC38-30	Magnetic Motor Controllers
AFC(S)-M, AFC38M, may be followed by K	Magnetic Motor Controllers
AFC(S)-R, 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
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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Deborah Jennings-Conner, VP Regulatory Services

UL LLC



Issued to: ABB France

11 Rue d'Arsonval Chassieu 69680

France

This is to certify 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.

Standard(s) for Safety: 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 the UL Online Certifications Directory at

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Look for the UL Certification Mark on the product.



David Piecuch

UL Mark Certification Program Manager

Certificate number E312527

Report reference E312527-20231026

Date 2023-12-20

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
AEG Brand Cat. Nos. LC04N	Magnetic Motor Controllers
AFC , AFC09, followed by -30, may be followed by -01, -	Magnetic Motor Controllers
10, or –22, may be followed by L, followed by K, may be	-
followed by 2 digits	
AFC09, AFC12, AFC16, AFC25 followed by -30,, may be	Motor controllers
followed by -01, -10, or -22, may be followed by L,	
followed by 2 digits.	
AFC09M, by B, followed by -30, may be followed by -00,	Motor controllers
-11, or -22, may be followed by L, followed by 2 digits.	
AFC(S)-N, AFC09N00, may be followed by K	Magnetic Motor Controllers
AFC(S)-R, AFC09R, may be followed by K	Magnetic Motor Controllers
AFC , AFC12, followed by -30, may be followed by -01, -	Magnetic Motor Controllers
10, or –22, may be followed by L, followed by K, may be	
followed by 2 digits	
AFC(S)-M, AFC12M, may be followed by K	Magnetic Motor Controllers
AFC(S)-N, AFC12N0, may be followed by K	Magnetic Motor Controllers
AFC(S)-R, AFC12R, may be followed by K	Magnetic Motor Controllers
AFC, AFC16-K, followed by -30, may be followed by –	Magnetic Motor Controllers
01, –10, or –22, may be followed by L, followed by K,	
may be followed by 2 digits	
AFC(S)-M, AFC16M, may be followed by K	Magnetic Motor Controllers
AFC(S)-R, AFC16R, may be followed by K	Magnetic Motor Controllers
AFC, AFC25, followed by -30, may be followed by -01, -	Magnetic Motor Controllers
10, or –22, may be followed by L, followed by K, may be	
followed by 2 digits	
AFC26	Magnetic Motor Controllers
AFC26, AFC30, AFC38 followed by -30,, may be	Motor controllers
followed by -00, -11, or -22, may be followed by L,	
followed by 2 digits.	
AFC(S)-M, AFC26M, may be followed by K	Magnetic Motor Controllers
AFC(S)-N, AFC26N1, may be followed by K	Magnetic Motor Controllers
AFC(S)-R, AFC26R, may be followed by K	Magnetic Motor Controllers

David Piecuch

UL Mark Certification Program Manager



Certificate number E312527

Report reference E312527-20231026

Date 2023-12-20

AFC , 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.	Magnetic Motor Controllers
AFC(S)-M, AFC30M, may be followed by K	Magnetic Motor Controllers
AFC(S)-R, AFC30R, may be followed by K	Magnetic Motor Controllers
AFC, AFC38, followed by -30, may be followed by -00, -	Magnetic Motor Controllers
11, or –22, may be followed by L, followed by K, may be	· ·
followed by 2 digits.	
AFC38-30	Magnetic Motor Controllers
AFC(S)-M, AFC38M, may be followed by K	Magnetic Motor Controllers
AFC(S)-R, 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
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



UL Mark Certification Program Manager



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20231026

Certificate of Compliance

Certificate Number:

E312527

Report Reference:

E312527-20231026

Issue Date:

2023-12-20

Issued to:

ABB France 11 Rue d'Arsonval Chassieu 69680 France

This certificate confirms that representative samples of:

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 60335-2-40 Household and Similar Electrical Appliances - Safety - Part 2-40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers, 12/15/2022.

Additional Information:

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Look for the UL Certification Mark on the product.

David Piecuch

UL Mark Certification Program Manager



Certificate number E312527

Report reference E312527-20231026

Date 2023-12-20

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

Magnetic motor controllers. Across-the-line reversing and non-reversing contactors for use in industrial applications, open type -

Cat. Nos. AFC09, AFC12, AFC16, AFC25, followed by -30, may be followed by -01, -10, or -22, may be followed by L, may be followed by 2 digits.

Cat. Nos. AFC09, AFC12, AFC16, 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.

AEG Brand Cat. Nos. LS04N, LS05N, LS07N, followed by -30, may be followed by -01, -10, followed by 2 letters.

AEG Brand Cat. Nos. LS11N, LS15N, LS18N, followed by -30, followed by -00, followed by 2 letters.

Cat. Nos. AFC26, AFC30, AFC38, followed by -30, may be followed by -00, -11, or -22, may be followed by L, may be followed by 2 digits.

Cat. Nos. AFC26, AFC30, 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.



David Piecuch

UL Mark Certification Program Manager



Certificate of Compliance

Certificate Number:

E312527

Report Reference:

E312527-20231026

Issue Date:

2023-12-20

ABB France 11 Rue d'Arsonval Chassieu 69680 France

This certificate confirms that representative samples of:

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.

CSA C22.2 No. 60335-2-40 Household and Similar Electrical Appliances - Safety - Part 2-40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers, 12/15/2022.

Additional Information:

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Magnetic motor controllers. Across-the-line reversing and non-reversing contactors for use in industrial applications, open type -

Cat. Nos. AFC09, AFC12, AFC16, AFC25, followed by -30, may be followed by -01, -10, or -22, may be followed by L, may be followed by 2 digits.

Cat. Nos. AFC09, AFC12, AFC16, 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.

AEG Brand Cat. Nos. LS04N, LS05N, LS07N, followed by -30, may be followed by -01, -10, followed by 2 letters.

AEG Brand Cat. Nos. LS11N, LS15N, LS18N, followed by -30, followed by -00, followed by 2 letters.

Cat. Nos. AFC26, AFC30, AFC38, followed by -30, may be followed by -00, -11, or -22, may be followed by L, may be followed by 2 digits.

Cat. Nos. AFC26, AFC30, 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.

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