

CERTIFICATE OF COMPLIANCE

Certificate Number UL-US-L246810-221-60106002-2
Report Reference E246810-20060106
Date 3-Dec-2023

Issued to: MINGGUANG HECHENG ELECTRICAL CO LTD
HONGWU RD
MINGGUANG INDUSTRY PARK
MINGGUANG, Anhui Sheng 239400
China

This is to certify that NLDX2 - Motor Controllers, Magnetic - Component
representative samples of 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 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 <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




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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	Category Description
2SA, followed by 3P, followed by 20A, 25A, 30A, 40A or 50A, followed by 24V, 120V, 208/240V, 277V, 380V or 480V.	Magnetic Motor Controllers
SA Series , TCDP Series , SA Series, Defined Purpose AC contactors. SA, may be followed by 1.5P, 2P, 3P or 4P, followed by 20A, 25A, 30A, 40A, 50A, 60A, 75A or 90A, followed by 24V, 36V, 120V, 208/240V, 277V, 380V or 480V. TCDP, followed by 20A, 25A, 30A, 40A, 50A, 60A, 75A or 90A, may be followed by 1, 2, 3 or 4, may be followed by B7, H7, G7, U7, W7, E7 or F7	Magnetic Motor Controllers
SA Series , TCDP Series , TCDP Series, Defined Purpose AC contactors. SA, may be followed by 1.5P, 2P, 3P or 4P, followed by 20A, 25A, 30A, 40A, 50A, 60A, 75A or 90A, followed by 24V, 36V, 120V, 208/240V, 277V, 380V or 480V. TCDP, followed by 20A, 25A, 30A, 40A, 50A, 60A, 75A or 90A, may be followed by 1, 2, 3 or 4, may be followed by B7, H7, G7, U7, W7, E7 or F7	Magnetic Motor Controllers


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CERTIFICATE OF COMPLIANCE

Certificate Number UL-CA-L246810-521-60106002-2
Report Reference E246810-20060106
Date 3-Dec-2023

Issued to: MINGGUANG HECHENG ELECTRICAL CO LTD
HONGWU RD
MINGGUANG INDUSTRY PARK
MINGGUANG, Anhui Sheng 239400
China

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

NLDX8 - Motor Controllers, Magnetic 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. 60947-4-1, 2nd Ed., Issue Date: 2014-04-
04, Revised 2018-05, CSA C22.2 NO. 60947-1-13, 2nd Ed.,
Issue Date: 2013-07-31

Additional Information: See the UL Online Certifications Directory at
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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
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Model	Category Description
2SA, followed by 3P, followed by 20A, 25A, 30A, 40A or 50A, followed by 24V, 120V, 208/240V, 277V, 380V or 480V.	Magnetic Motor Controllers
SA Series , TCDP Series , SA Series, Defined Purpose AC contactors. SA, may be followed by 1.5P, 2P, 3P or 4P, followed by 20A, 25A, 30A, 40A, 50A, 60A, 75A or 90A, followed by 24V, 36V, 120V, 208/240V, 277V, 380V or 480V. TCDP, followed by 20A, 25A, 30A, 40A, 50A, 60A, 75A or 90A, may be followed by 1, 2, 3 or 4, may be followed by B7, H7, G7, U7, W7, E7 or F7	Magnetic Motor Controllers
SA Series , TCDP Series , TCDP Series, Defined Purpose AC contactors. SA, may be followed by 1.5P, 2P, 3P or 4P, followed by 20A, 25A, 30A, 40A, 50A, 60A, 75A or 90A, followed by 24V, 36V, 120V, 208/240V, 277V, 380V or 480V. TCDP, followed by 20A, 25A, 30A, 40A, 50A, 60A, 75A or 90A, may be followed by 1, 2, 3 or 4, may be followed by B7, H7, G7, U7, W7, E7 or F7	Magnetic Motor Controllers


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CERTIFICATE OF COMPLIANCE

Certificate Number E246810
Report Reference E246810-20060106
Date 2023-December-03

Issued to: MINGGUANG HECHENG ELECTRICAL CO LTD
HONGWU RD
MINGGUANG INDUSTRY PARK
MINGGUANG Anhui Sheng 239400 CN

This is to certify that representative samples of MOTOR CONTROLLERS, MAGNETIC - 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: See Addendum Page for Standards

Additional Information: See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information

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CERTIFICATE OF COMPLIANCE

Certificate Number E246810
Report Reference E246810-20060106
Date 2023-December-03

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


USR, CNR - Definite Purpose Contactors, SA or TCDP Series Defined Purpose AC contactors. SA, may be followed by 1.5P, 2P, 3P or 4P, followed by 20A, 25A, 30A, 40A, 50A, 60A, 75A or 90A, followed by 24V, 36V, 120V, 208/240V, 277V, 380V or 480V; TCDP, followed by 20A, 25A, 30A, 40A, 50A, 60A, 75A or 90A, may be followed by 1, 2, 3 or 4, may be followed by B7, H7, G7, U7, W7, E7 or F7.

USR, CNR – Motor Controllers, Reversing, models 2SA, followed by 3P, followed by 20A, 25A, 30A, 40A or 50A, followed by 24V, 120V, 208/240V, 277V, 380V or 480V.

Standard(s) for Safety:

UL 60335-2-40 , HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES - SAFETY - PART 2-40:
PARTICULAR REQUIREMENTS FOR ELECTRICAL HEAT PUMPS, AIR-CONDITIONERS AND
DEHUMIDIFIERS

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


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