



Product Service

# Attestation of Conformity

No. N8A 083574 0203 Rev. 02

**Holder of Certificate:** **Shanghai Liangxin Electrical Co., Ltd**  
No.2000 South ShenJiang Road  
Pudong New District  
200137 Shanghai  
PEOPLE'S REPUBLIC OF CHINA

**Product:** **Moulded case circuit breaker**

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for testing and certification. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Test report no.:** 704101443115-03

**Date,** 2021-08-12

( Jie Zhu )



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**Model(s):**

NDM3-400C, NDM3N-400C, NDM3-400L, NDM3N-400L,  
NDM3-400M, NDM3N-400M, NDM3-400, NDM3N-400,  
NDM3-400H, NDM3N-400H, NDM3Z-400S, NDM3ZB-400M,  
NDM3ZB-400H, NDM3Z-400

**Parameters:**

Rated operational voltage  $U_e$ :

AC380/400/415V (NDM3-400C, NDM3N-400C, 3P;  
NDM3-400L, NDM3N-400L, 3P; NDM3-400M, NDM3N-400M, 3P;  
NDM3-400, NDM3N-400, 4P; NDM3-400H, NDM3N-400H, 3P),  
AC500V (NDM3-400M, NDM3N-400M, 3P; NDM3-400,  
NDM3N-400, 4P),  
AC660/690V (NDM3-400M, NDM3N-400M, 3P;  
NDM3-400, NDM3N-400, 4P),  
DC500V, DC690V (NDM3Z-400, 3P appearance),  
DC750V (NDM3Z-400, 3P appearance),  
DC1000V (NDM3Z-400, NDM3Z-400S, 4P appearance),  
DC250V (NDM3ZB-400M, NDM3ZB-400H, 3P appearance)

Rated current  $I_n$ :

225A, 250A, 315A, 350A, 400A

Degree of protection:

IP20

Product information:

See below page



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## Detailed product information:

NDM3-400, NDM3Z-400, NDM3ZB-400, NDM3N-400 (AC model/type, 3P: NDM3-400C, NDM3-400L, NDM3-400M, NDM3-400H, NDM3N-400C, NDM3N-400L, NDM3N-400M, NDM3N-400H; AC model/type, 4P: NDM3-400, NDM3N-400; DC model/type: NDM3ZB-400M, NDM3ZB-400H, NDM3Z-400, NDM3Z-400S)

Ui: 1000V; Uimp:8kV;

Ue:

AC380/400/415V (NDM3-400C, NDM3N-400C, 3P; NDM3-400L, NDM3N-400L, 3P; NDM3-400M, NDM3N-400M, 3P; NDM3-400, NDM3N-400, 4P; NDM3-400H, NDM3N-400H, 3P);

AC500V (NDM3-400M, NDM3N-400M, 3P; NDM3-400, NDM3N-400, 4P);

AC660/690V (NDM3-400M, NDM3N-400M, 3P; NDM3-400, NDM3N-400, 4P);

DC500V, DC690V (NDM3Z-400, 3P appearance);

DC750V (NDM3Z-400, 3P appearance);

DC1000V (NDM3Z-400, NDM3Z-400S, 4P appearance);

DC250V (NDM3ZB-400M, NDM3ZB-400H, 3P appearance);

In:

225A, 250A, 315A, 350A, 400A;

Ics:

AC380/400/415V: 36kA (NDM3-400C, NDM3N-400C, 3P);

50kA (NDM3-400L, NDM3N-400L, 3P);

70kA (NDM3-400M, NDM3N-400M, 3P; NDM3-400, NDM3N-400, 4P);

75kA (NDM3-400H, NDM3N-400H, 3P);

AC500V: 50kA (NDM3-400M, NDM3N-400M, 3P; NDM3-400, NDM3N-400, 4P);

AC660/690V: 15kA (NDM3-400M, NDM3N-400M, 3P; NDM3-400, NDM3N-400, 4P);

DC250V: 40kA (NDM3ZB-400M, 3P appearance); 52.5kA (NDM3ZB-400H, 3P appearance);

DC500V: 35kA (NDM3Z-400, 3P appearance);

DC690V: 8kA (NDM3Z-400, 3P appearance);

DC750V: 40kA (NDM3Z-400, 3P appearance);

DC1000V: 25kA (NDM3Z-400S, 4P appearance); 40kA (NDM3Z-400, 4P appearance);

Icu:

AC380/400/415V: 36kA (NDM3-400C, NDM3N-400C, 3P);

50kA (NDM3-400L, NDM3N-400L, 3P);

70kA (NDM3-400M, NDM3N-400M, 3P; NDM3-400, NDM3N-400, 4P);

100kA (NDM3-400H, NDM3N-400H, 3P);

AC500V: 50kA (NDM3-400M, NDM3N-400M, 3P; NDM3-400, NDM3N-400, 4P);

AC660/690V: 20kA (NDM3-400M, NDM3N-400M, 3P; NDM3-400, NDM3N-400, 4P);

DC250V: 40kA (NDM3ZB-400M, 3P appearance); 70kA (NDM3ZB-400H, 3P appearance);

DC500V: 35kA (NDM3Z-400, 3P appearance);

DC690V: 8kA (NDM3Z-400, 3P appearance);

DC750V: 40kA (NDM3Z-400, 3P appearance);

DC1000V: 25kA (NDM3Z-400S, 4P appearance); 40kA (NDM3Z-400, 4P appearance);

Icw: 5kA/0.1s (Only NDM3ZB-400M, NDM3ZB-400H);

Over-current release type: thermal magnetic;

Rated frequency: 50/60Hz;

Selectivity category: A, B (only NDM3ZB-400M, NDM3ZB-400H);

Number of poles: 3P (NDM3-400C, NDM3-400L, NDM3-400M, NDM3-400H, NDM3N-400C, NDM3N-400L, NDM3N-400M, NDM3N-400H), 4P (NDM3-400, NDM3N-400);

Auxiliary contacts: 1NO1NC, 2NO2NC; Alarm contacts: 1NO1NC;

Ui: 400V; Uimp: 2.5kV; Ith: 3A; AC-15: Ue/Ie: AC400V/0.4A; DC-13: Ue/Ie: DC220V/0.15A;

Accessories with electronic circuits: Undervoltage release: QT38-400; Us: AC220/230V, AC380/400V;

Motor operator: DC1-400; Us: AC/DC220/230/240V, AC/DC380/400/415V, AC/DC24V, AC/DC110V

**Tested**

EN 60947-2:2017/A1:2020

**according to:**