



Product Service

CERTIFICATE

No. B 11 11 75006 009

Holder of Certificate: **NOARK Electrics (Shanghai) Co.,Ltd.**

Block V-7A-1, Songjiang Industrial Zone,
201614 Shanghai

PEOPLE'S REPUBLIC OF CHINA

Certification Mark:



Product:

Molded case circuit breakers

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. See also notes overleaf.

Test report no.:

704101195202-00

Date, 2011-11-28

(Shaochang Liu)

Page 1 of 4





Product Service

CERTIFICATE

No. B 11 11 75006 009

Model(s):

- Ex9M4-x, x= S, N, Q, R, H, V or P
- Ex9M5-x, x= S, N, Q, R, H, V or P
- Ex9M4-y, y= SM, NM, QM, RM, HM, VM or PM
- Ex9M5-y, y= SM, NM, QM, RM, HM, VM or PM
- Ex9MD4-u, u= B, S, N, Q, R or H
- Ex9MD5-u, u= B, S, N, Q, R or H
- Ex9MD4-v, v= BM, SM, NM, QM, RM or HM
- Ex9MD5-v, v= BM, SM, NM, QM, RM or HM

Parameters:

- Model: Ex9M4-x (for power distribution protection)
 Ex9M5-x (for power distribution protection)
 'x'= S, N, Q, R, H, V or P
 Ex9M4-y (for motor protection)
 Ex9M5-y (for motor protection)
 'y'= SM, NM, QM, RM, HM, VM or PM
- Rated voltage: AC380V/400V/415V, AC660V/690V
 Rated frequency: 50/60Hz
 Rated current: Ex9M4: 400A, 500A, 630A
 Ex9M5: 700A, 800A
- Poles No.: 3P, 4P
 Degree of protection: IP20
 Product information: Ui= AC800V
 Uimp= 8kV
 Cat. A
 Icu and Ics specified in table 1, see attachment

- Model: Ex9MD4-u (for power distribution protection)
 Ex9MD5-u (for power distribution protection)
 'u'= B, S, N, Q, R or H
 Ex9MD4-v (for motor protection)
 Ex9MD5-v (for motor protection)
 'v'= BM, SM, NM, QM, RM or HM
- Rated voltage: DC750V(3 poles in series),
 DC1000V(4 poles in series)
 Rated current: Ex9MD4: 400A, 500A, 630A
 Ex9MD5: 700A, 800A
- Poles No.: 3P, 4P
 Degree of protection: IP20
 Product information: Ui= DC1000V
 Uimp= 8kV
 Cat. A
 Icu and Ics specified in table 1, see attachment

Tested according to:
Production Facility(ies):

EN 60947-2:2006

75006

Page 2 of 4

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CERTIFICATE
No. B 11 11 75006 009



Product Service

Table1 - Rated ultimate short-circuit breaking capacity (Icu) and rated service short-circuit breaking capacity (Ics)

Model	Ex9M4-S	Ex9M4-N	Ex9M4-Q	Ex9M4-R	Ex9M4-H	Ex9M4-V	Ex9M4-P
Rated voltage	AC380V/400V/415V						
Ics= Icu	36kA	50kA	70kA	85kA	100kA	120kA	150kA
Model	Ex9M5-S	Ex9M5-N	Ex9M5-Q	Ex9M5-R	Ex9M5-H	Ex9M5-V	Ex9M5-P
Rated voltage	AC380V/400V/415V						
Ics= Icu	36kA	50kA	70kA	85kA	100kA	120kA	150kA
Model	Ex9M4-SM	Ex9M4-NM	Ex9M4-QM	Ex9M4-RM	Ex9M4-HM	Ex9M4-VM	Ex9M4-PM
Rated voltage	AC380V/400V/415V						
Ics= Icu	36kA	50kA	70kA	85kA	100kA	120kA	150kA
Model	Ex9M5-SM	Ex9M5-NM	Ex9M5-QM	Ex9M5-RM	Ex9M5-HM	Ex9M5-VM	Ex9M5-PM
Rated voltage	AC380V/400V/415V						
Ics= Icu	36kA	50kA	70kA	85kA	100kA	120kA	150kA
Model	Ex9M4-S	Ex9M4-N	Ex9M4-Q	Ex9M4-R	Ex9M4-H	Ex9M4-V	Ex9M4-P
Rated voltage	AC660V/690V						
Ics= Icu	10kA	10kA	10kA	10kA	12kA	12kA	15kA
Model	Ex9M5-S	Ex9M5-N	Ex9M5-Q	Ex9M5-R	Ex9M5-H	Ex9M5-V	Ex9M5-P
Rated voltage	AC660V/690V						
Ics= Icu	10kA	10kA	10kA	10kA	12kA	12kA	15kA
Model	Ex9M4-SM	Ex9M4-NM	Ex9M4-QM	Ex9M4-RM	Ex9M4-HM	Ex9M4-VM	Ex9M4-PM
Rated voltage	AC660V/690V						
Ics= Icu	10kA	10kA	10kA	10kA	12kA	12kA	15kA
Model	Ex9M5-SM	Ex9M5-NM	Ex9M5-QM	Ex9M5-RM	Ex9M5-HM	Ex9M5-VM	Ex9M5-PM
Rated voltage	AC660V/690V						
Ics= Icu	10kA	10kA	10kA	10kA	12kA	12kA	15kA
Model	Ex9MD4-B	Ex9MD4-S	Ex9MD4-N	Ex9MD4-Q	Ex9MD4-R	Ex9MD4-H	

Page 3 of 4



Product Service

CERTIFICATE
No. B 11 11 75006 009

Table1 - Rated ultimate short-circuit breaking capacity (Icu) and rated service short-circuit breaking capacity (Ics)

Rated voltage	DC750V(3 poles in series), DC1000V(4 poles in series)					
Ics= Icu	25kA	36kA	50kA	70kA	85kA	100kA
Model	Ex9MD5-B	Ex9MD5-S	Ex9MD5-N	Ex9MD5-Q	Ex9MD5-R	Ex9MD5-H
Rated voltage	DC750V(3 poles in series), DC1000V(4 poles in series)					
Ics= Icu	25kA	36kA	50kA	70kA	85kA	100kA
Model	Ex9MD4-BM	Ex9MD4-SM	Ex9MD4-NM	Ex9MD4-QM	Ex9MD4-RM	Ex9MD4-HM
Rated voltage	DC750V(3 poles in series), DC1000V(4 poles in series)					
Ics= Icu	25kA	36kA	50kA	70kA	85kA	100kA
Model	Ex9MD5-BM	Ex9MD5-SM	Ex9MD5-NM	Ex9MD5-QM	Ex9MD5-RM	Ex9MD5-HM
Rated voltage	DC750V(3 poles in series), DC1000V(4 poles in series)					
Ics= Icu	25kA	36kA	50kA	70kA	85kA	100kA