



Product Service

# CERTIFICATE

No. B 18 05 75006 051

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

No.3857 Sixian Road, Songjiang District  
201614 Shanghai  
PEOPLE'S REPUBLIC OF CHINA



**Certification Mark:**



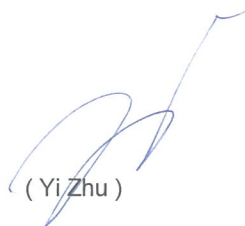
**Product:** **Molded case circuit breakers**

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.:** 704101069902-01

**Valid until:** 2023-05-16

**Date,** 2018-05-17

  
( Yi Zhu )

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**Model(s):** Ex9M1-S, Ex9M1-N, Ex9M1-Q, Ex9M1-R, Ex9M1-H, Ex9M1-V, Ex9M1-P, Ex9M1-SM, Ex9M1-NM, Ex9M1-QM, Ex9M1-RM, Ex9M1-HM, Ex9M1-VM, Ex9M1-PM, Ex9MD1-B, Ex9MD1-S, Ex9MD1-N, Ex9MD1-Q, Ex9MD1-R, Ex9MD1-H, Ex9MD1-BM, Ex9MD1-SM, Ex9MD1-NM, Ex9MD1-QM, Ex9MD1-RM, Ex9MD1-HM

**Parameters:**

Model:	For power distribution protection: Ex9M1-S, Ex9M1-N, Ex9M1-Q, Ex9M1-R, Ex9M1-H, Ex9M1-V, Ex9M1-P For motor protection: Ex9M1-SM, Ex9M1-NM, Ex9M1-QM, Ex9M1-RM, Ex9M1-HM, Ex9M1-VM, Ex9M1-PM
Rated voltage:	AC380V/400V/415V, AC500V, AC660V/690V
Rated frequency:	50/60Hz
Rated current:	16A,20A,25A,32A,40A, 50A,63A,80A,100A,125A
Poles No.:	3P, 4P
Degree of protection:	IP20
Product information:	Ui:1000V, Uimp:8kV Cat. A Icu and Ics specified in table 1, see attachment

Model:	For power distribution protection: Ex9MD1-B, Ex9MD1-S, Ex9MD1-N, Ex9MD1-Q, Ex9MD1-R, Ex9MD1-H For motor protection: Ex9MD1-BM, Ex9MD1-SM, Ex9MD1-NM, Ex9MD1-QM, Ex9MD1-RM, Ex9MD1-HM
Rated voltage:	DC250V(1 pole), DC500V(2 poles in series), DC750V(3 poles in series), DC1000V(4 poles in series)
Rated current:	16A,20A,25A,32A,40A, 50A,63A,80A,100A,125A
Degree of protection:	IP20
Product information:	Ui:1000V Uimp:8kV Cat. A Icu and Ics specified in table 1, see attachment

**Tested according to:** EN 60947-2:2017  
 EN 60947-1:2007/A2:2014

**Production Facility(ies):** 75006



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Attachment: table 1-Rated ultimate short-circuit breaking capacity(Icu) and  
 Rated service short-circuit breaking capacity(Ics)

Model	Ex9M1-S	Ex9M1-N	Ex9M1-Q	Ex9M1-R	Ex9M1-H	Ex9M1-V	Ex9M1-P
Rated voltage	AC380V/400V/415V						
Icu	36kA	50kA	70kA	85kA	100kA	120kA	150kA
Ics	36kA	50kA	70kA	85kA	100kA	120kA	150kA
Model	Ex9M1-SM	Ex9M1-NM	Ex9M1-QM	Ex9M1-RM	Ex9M1-HM	Ex9M1-VM	Ex9M1-PM
Rated voltage	AC380V/400V/415V						
Icu	36kA	50kA	70kA	85kA	100kA	120kA	150kA
Ics	36kA	50kA	70kA	85kA	100kA	120kA	150kA
Model	Ex9M1-S	Ex9M1-N	Ex9M1-Q	Ex9M1-R	Ex9M1-H	Ex9M1-V	Ex9M1-P
Rated voltage	AC660V/690V						
Icu	5kA	5kA	5kA	5kA	6kA	6kA	8kA
Ics	5kA	5kA	5kA	5kA	6kA	6kA	8kA
Model	Ex9M1-SM	Ex9M1-NM	Ex9M1-QM	Ex9M1-RM	Ex9M1-HM	Ex9M1-VM	Ex9M1-PM
Rated voltage	AC660V/690V						
Icu	5kA	5kA	5kA	5kA	6kA	6kA	8kA
Ics	5kA	5kA	5kA	5kA	6kA	6kA	8kA
Model	Ex9M1-S		Ex9M1-N		Ex9M1-SM		Ex9M1-NM
Rated voltage	AC500V						
Icu	25kA		40kA		25kA		40kA
Ics	25kA		40kA		25kA		40kA
Model	Ex9MD1-B	Ex9MD1-S	Ex9MD1-N	Ex9MD1-Q	Ex9MD1-R	Ex9MD1-H	
Rated voltage	DC250V(1 pole), DC500V(2 poles in series), DC750V(3 poles in series), DC1000V(4 poles in series)						
Icu	25kA	36kA	50kA	70kA	85kA	100kA	
Ics	25kA	36kA	50kA	70kA	85kA	100kA	
Model	Ex9MD1-BM	Ex9MD1-SM	Ex9MD1-NM	Ex9MD1-QM	Ex9MD1-RM	Ex9MD1-HM	
Rated voltage	DC250V(1 pole), DC500V(2 poles in series), DC750V(3 poles in series), DC1000V(4 poles in series)						
Icu	25kA	36kA	50kA	70kA	85kA	100kA	
Ics	25kA	36kA	50kA	70kA	85kA	100kA	