

NINGBO BAO CHENG ELECTRONICS CO.,  
LTD.  
Zhang Cuifang

Date : 29.09.2021  
Our ref. : HLI ZC10  
Your ref.: Z.C.F.

No.88 Fengyi Road,  
Yuyao City,  
315400 Zhejiang  
P.R. China

**Ref : R TÜV-Mark Approval**

Type of Equipment : Relay  
Model Designation : See Certificate  
Certificate No. : R 50518098 0001  
Report No. : 14706733 008

Dear Zhang Cuifang,

The above specified equipment has been tested and found to be in accordance with the relevant requirements.

Please find enclosed your certificate as specified above.

If cancellation of the certificate is submitted by 15 November in a given year, no fee will be charged for the following year.

The certificate is issued with the reservation that the license holder applies all information required in § 6 of the ProdSG related to name and address of the manufacturer or his authorized representative / importer, including their respective contact addresses on the product prior to marketing of the product in the European Economic Area.

With kind regards,

Certification Body

  
James Li

Enclosure

证书的详细资料请登陆[www.certipedia.com](http://www.certipedia.com)查阅,或拨打我司客服热线800 999 3668 / 400 883 1300咨询

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.* Blatt *Sheet*  
R 50518098 0001

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Ausstellungsdatum <i>Date of Issue</i>	<i>(day/mo/yr)</i>
Z.C.F.	ZC10-HLI-14706733 008	29.09.2021	

### Genehmigungsinhaber *License Holder*

NINGBO BAO CHENG ELECTRONICS  
CO., LTD.  
No.88 Fengyi Road,  
Yuyao City,  
315400 Zhejiang  
P.R. China

### Fertigungsstätte *Manufacturing Plant*

NINGBO BAO CHENG ELECTRONICS  
CO., LTD.  
No.88 Fengyi Road,  
Yuyao City,  
315400 Zhejiang  
P.R. China

### Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. to*  
EN 61810-1:2015

### Zertifiziertes Produkt (Geräteidentifikation) *Certified Product (Product Identification)*

### Lizenzentgelte - Einheit *License Fee - Unit*

#### Relay (Relay)

Type Designation	: 1) NB90a-xS-S-A 2) NB90aE-xS-S-y	6
	a = 1, 2, 3, 4, Blank	1
	x = 5, 6, 9, 12, 15, 18, 24, 48, 110	1
	y = A, B, C	1
	(BAO CHENG (Logo))	
Rated Coil Voltage	: DC 5V, 6V, 9V, 12V, 15V, 18V, 24V, 48V, 110V	
Rated Coil Power	: 0.9W	
Contact Rating	: 240VAC Cos phi=1 30VDC L/R=0ms	
	1) 40A	
	2) 20A for NB90aE-xS-S-B 30A for NB90aE-xS-S-A	
	NO: 30A and NC: 20A for NB90aE-xS-S-C	
Ambient Temperature	: -40°C to +85°C	

Continued on page 0002

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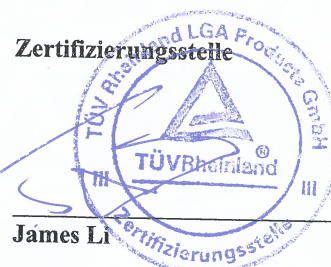
#### ANLAGE (Appendix): 1

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde und es bestätigt die Konformität des Produktes mit den oben genannten Standards und Prüfgrundlagen. Zusätzliche Anforderungen in Ländern, in denen das Produkt in Verkehr gebracht werden soll, müssen zusätzlich betrachtet werden. Die Herstellung des zertifizierten Produktes wird überwacht.  
This certificate is based on our Testing and Certification Regulation and states the conformity of the product with the standards and testing requirements as indicated above. Any additional requirements in countries where the product is going to be marketed have to be considered additionally. The manufacturing of the certified product is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

http://www.tuv.com/safety E-mail: markcheck@tuv.com  
Fax: +49 221 806-3935

Zertifizierungsstelle



James Li

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
R 50518098

Blatt *Sheet*  
0002

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Ausstellungsdatum <i>Date of Issue</i>	<i>(day/mo/yr)</i>
Z.C.F.	ZC10-HLI-14706733 008	29.09.2021	

**Genehmigungsinhaber *License Holder***  
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CO., LTD.  
No.88 Fengyi Road,  
Yuyao City,  
315400 Zhejiang  
P.R. China

**Fertigungsstätte *Manufacturing Plant***  
NINGBO BAO CHENG ELECTRONICS  
CO., LTD.  
No.88 Fengyi Road,  
Yuyao City,  
315400 Zhejiang  
P.R. China

## Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. to*  
EN 61810-1:2015

**Zertifiziertes Produkt (Geräteidentifikation)**  
*Certified Product (Product Identification)*

**Lizenzentgelte - Einheit**  
*License Fee - Unit*

Relay (Relay)

Continuation from page 0001  
Number of Cycles for  
Electrical Endurance : 10,000  
Number of Cycles for  
Mechanical Endurance : 10,000,000  
Thermal Insulation Class : F  
Type of Interruption : Micro-disconnection  
Insulation System between  
Coil and Contact : Basic Insulation  
Endurance test in accordance with clause 17 of IEC 60730-1:  
Rated Voltage : 240VAC  
Rated Current : 1) 40A  
2) 20A for NB90aE-xS-S-B  
30A for NB90aE-xS-S-A  
NO: 30A and NC: 20A for  
NB90aE-xS-S-C

Number of Automatic Cycles : 10,000

Remark: This certificate replaces R 50193486 0001-0004.

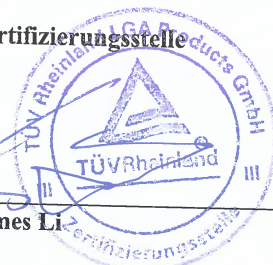
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Zertifizierungsstelle



James Li