

ANHUI MINGGUANG LIFE ELECTRONIC  
CO., LTD.  
Shengshan Li

Date : 17.01.2023  
Our ref. : HLI ZC10  
Your ref.: L.S.S.

No. 66, Liuwan Road  
Industrial Zone of Mingguang City  
239400 Anhui  
P.R. China

**Ref : R TÜV-Mark Approval**

Type of Equipment : Relay  
Model Designation : See Certificate  
Certificate No. : R 50411602 0003  
Report No. : 50072059 006

Dear Shengshan Li,

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

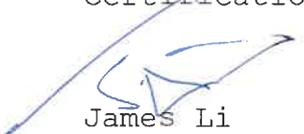
Please find enclosed your certificate as specified above.

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. In case you have a change regarding your involved local representative for the certificate, please inform us in due time.

With kind regards,

Certification Body

  
James Li

cc: HANKUK RELAY CO.,LTD.

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.**  
R 50411602

**Blatt Sheet**  
0003

**Ihr Zeichen Client Reference**  
L.S.S.

**Unser Zeichen Our Reference**  
ZC10-HLI-50072059 006

**Ausstellungsdatum Date of Issue**  
17.01.2023 (day/mo/yr)

**Genehmigungsinhaber License Holder**  
ANHUI MINGGUANG LIFE ELECTRONIC  
CO., LTD.  
No. 66, Liuwan Road  
Industrial Zone of Mingguang City  
239400 Anhui  
P.R. China

**Fertigungsstätte Manufacturing Plant**  
040-0002040751

**Prüfzeichen Test Mark**



Type Approved  
Safety  
Regular Production  
Surveillance  
  
www.tuv.com  
ID 1419059607

**Geprüft nach Tested acc. to**  
EN 61810-1:2015+A1

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

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

Relay (Relay)

as page 0001-0002

Change

Test Requirement: See above

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

ANHUI MINGGUANG LIFE ELECTRONIC  
CO., LTD.  
Shengshan Li

Date : 03.07.2018  
Our ref. : YQ ZC10  
Your ref.: L.S.S.

No. 66, Liuwan Road  
Industrial Zone of Mingguang City  
Anhui 239400  
P. R. China

**Ref : R TÜV-Mark Approval**

Type of Equipment : Relay  
Model Designation : See Certificate  
Certificate No. : R 50411602 0001  
Report No. : 50072059 004

Dear Shengshan Li,

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

cc: HANKUK RELAY CO., LTD.

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.** R 50411602  
**Blatt Sheet** 0001

**Ihr Zeichen Client Reference** L.S.S.  
**Unser Zeichen Our Reference** ZC10-YQ-50072059 004  
**Ausstellungsdatum Date of Issue** 03.07.2018  
*(day/mo/yr)*

**Genehmigungsinhaber License Holder** ANHUI MINGGUANG LIFE ELECTRONIC CO., LTD.  
 No. 66, Liuwan Road  
 Industrial Zone of Mingguang City  
 Anhui 239400  
 P. R. China

**Fertigungsstätte Manufacturing Plant** 030-0000434279

**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	: BPMx-SS-lytz (AFE)	5
	x = 1, 3	1
	y = 05, 06, 09, 12, 18, 24, 48	1
	t = L, D	1
	z = M, Blank	1
Rated Coil Voltage	: DC 5V, 6V, 9V, 12V, 18V, 24V, 48V	
Rated Coil Power	: 0.53W for t = L 0.72W for t = D	
Ambient Temperature	: -40°C to +85°C	
Number of Cycles for Electrical Endurance	: 1) 60,000                    2) 50,000	
Number of Cycles for Mechanical Endurance	: 10,000,000	
Type of Interruption	: Micro-disconnection	
Thermal Insulation Class	: F	

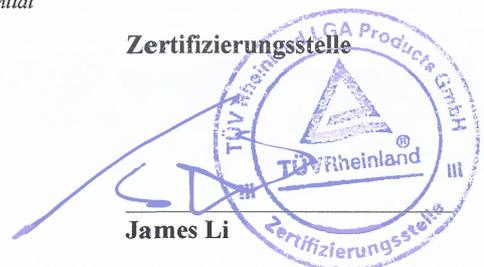
Continued on page 0002

*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**

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com  
 Fax: +49 221 806-3935 http://www.tuv.com/safety

**Zertifizierungsstelle**



**James Li**

# Zertifikat

# Certificate



**Zertifikat Nr. Certificate No.**  
R 50411602

**Blatt Sheet**  
0002

**Ihr Zeichen Client Reference**  
L.S.S.

**Unser Zeichen Our Reference**  
ZC10-YQ-50072059 004

**Ausstellungsdatum Date of Issue**  
03.07.2018

**Date of Issue**  
(day/mo/yr)

**Genehmigungsinhaber License Holder**  
ANHUI MINGGUANG LIFE ELECTRONIC  
CO., LTD.  
No. 66, Liuwan Road  
Industrial Zone of Mingguang City  
Anhui 239400  
P. R. China

**Fertigungsstätte Manufacturing Plant**  
030-0000434279

## 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

Contact Rating: 250VAC Cos phi=1  
30VDC L/R=0ms  
1) x = 1: 10A  
2) x = 3, z = M: 16A  
x = 3, z = Blank: 16A (for Make Contact)  
10A (for Break Contact)

Insulation System between  
Coil and Contact : Reinforced Insulation

Endurance test in accordance with clause 17 of IEC 60730-1:  
Rated Voltage : 250VAC  
Rated Current : 1) 5(1)A 2) 5(2.5)A  
Number of Automatic Cycles: 1) 100,000 2) 10,000

The labelling requirements acc. to EU Directive 2001/95  
have to be observed for distribution within the EEA.

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.  
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Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com  
Fax: +49 221 806-3935 http://www.tuv.com/safety

**Zertifizierungsstelle**



**James Li**

HANKUK RELAY CO.,LTD.  
KWAN JAE LEE  
-  
8, Gajeong-ro 77beon-gil, Seo-gu,  
Incheon 22837  
Rep. of Korea

Date : 03.07.2018  
Our ref. : YQ ZC10  
Your ref.: L.S.S.

**Ref : R TÜV-Mark Approval**

Type of Equipment : Relay  
Model Designation : See Certificate  
Certificate No. : R 50411602 0001  
Report No. : 50072059 004

Dear KWAN JAE LEE,

Enclosed please find above certification documents.  
Please forward these originals to the certificate holder.

If you contact our office, please quote our reference above.

We thank you for your cooperation.

the certificate holder is: ANHUI MINGGUANG LIFE ELECTRONIC  
CO., LTD.

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