

C E R T I F I C A T E
of Conformity



Registration No.: AK 50374301 0001

Report No.: 15090838 000

Holder: Ningbo Helishun Electron Co., Ltd.
Hehuaqiao Yunlong Town
Yinzhou District
Ningbo City, Zhejiang 315135
P.R. China

Product: Relay
Relay

Identification: Type Designation: HLS-T90(15P) Series
(HE LI SHUN)

Serial No.: N/A

Remark: Refer to test report GC 15090838 for details.
(Test specification: IEC 60079-0:2011, 26.5.1.2
IEC 60079-15:2010, 22.5.1, 22.5.2, 22.5.3.1, 22.5.3.2, 22.5.3.3)

Tested acc. to: IEC 60079-0:2011
IEC 60079-15:2010

The certificate of conformity refers to the above mentioned product. This is to certify that the specimen is in conformity with the assessment requirement mentioned above. This certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity.

Date 17.03.2017



Certification Body

Zhang Xiaolong

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

Zertifikat Certificate



Zertifikat Nr. Certificate No.
R 50297204

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0003

Ihr Zeichen Client Reference
W.L.

Unser Zeichen Our Reference
01-LHF- 15076966 004

Ausstellungsdatum
21.09.2022

Date of Issue
(day:mo:yr)

Genehmigungsinhaber License Holder

Ningbo Helishun Electron Co., Ltd.
Hehuaqiao Yunlong Town
Yinzhou District
Ningbo City
315135 Zhejiang
P.R. China

Fertigungsstätte Manufacturing Plant

Ningbo Helishun Electron Co., Ltd.
Hehuaqiao Yunlong Town
Yinzhou District
Ningbo City
315135 Zhejiang
P.R. China

Prüfzeichen Test Mark



Type Approved
Safety
Regular Production
Surveillance

www.tuv.com
40 2000000000

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

Change

Test Requirement: See above

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde und es bedarf der Konformität des Produktes mit den oben genannten Standards und Prüfgrundlagen. Zusätzlich sind Anforderungen in Ländern, in denen das Produkt in Verkehr gebracht werden soll, müssen zusätzlich beachtet 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 complied with additionally. The manufacturing of the certified product is subject to surveillance.

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg
Tel. (+49)2218 06 - 13 71 e-mail: cert-validity@de.tuv.com
Fax. (+49)2218 06 - 39 33 http://www.tuv.com/safety



Zertifizierungsstelle

Kenny Shi



CERTIFICATE OF PRODUCT CERTIFICATION

CERTIFICATE NO.: CQC09002028720

Valid from: Mar.06,2024

Valid until:Mar.05,2029

NAME AND REGISTERED
ADDRESS OF THE APPLICANT

NINGBO HELISHIUN ELECTRON CO.,LTD
Hehuaqiao Yunlong Town Yinzhou District Ningbo

NAME AND REGISTERED
ADDRESS OF THE
MANUFACTURER

NINGBO HELISHIUN ELECTRON CO.,LTD
Hehuaqiao Yunlong Town Yinzhou District Ningbo

NAME AND LOCATION
OF THE FACTORY

NINGBO HELISHIUN ELECTRON CO.,LTD
Hehuaqiao Yunlong Town Yinzhou District Ningbo

PRODUCT NAME, MODEL
AND SPECIFICATION

RELAY
HLSSL 系列 触点负载: C型: NO/NC 7A/4A 250VAC A型: 7A 250VAC 线圈电压: DC(V):
3,5,6,9,12,24,48 电寿命: 20000, 机械寿命: 50000 环境温度: -40~85℃ 系列图请参见附件

THE STANDARDS AND
TECHNICAL REQUIREMENTS
FOR THE PRODUCTS

GB/T 21711.1-2023

TYPE OF CERTIFICATION
SCHEMES

Type Testing of Product + Initial Factory Inspection + Follow up Factory Inspection

This is to certify that the above mentioned product(s) complies with the requirements of certification rules of CQC11-482155-2010.

Date of original issued: Feb.09,2009

The validity of the certificate is subject to positive result of the regular follow up inspection by issuing certification body until the expiry date.

The certificate information is available through the QR code below or CQC's website: www.cqc.com.cn



SIGNATURE:

谢肇煦



中国质量认证中心
CHINA QUALITY CERTIFICATION CENTRE



CHINA QUALITY CERTIFICATION CENTRE CO., LTD.
Section 0, No. 188, Nansihuan Xilu, Beijing 100070 P. R. China

Tel: +86 10 83886666
<http://www.cqc.com.cn>

Zertifikat

Certificate



Zertifikat Nr. Certificate No.
R 50297204

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0001

Ihr Zeichen Client Reference	Unser Zeichen Our Reference	Ausstellungsdatum	Date of Issue
W.L.	01-MN- 15076966 001	10.03.2015	(day/month/year)

Genehmigungsinhaber License Holder	Fertigungsstätte Manufacturing Plant
Ningbo Helishun Electron Co., Ltd.	Ningbo Helishun Electron Co., Ltd.
Hehuagiao Yunlong Town	Hehuagiao Yunlong Town
Yinzhou District	Yinzhou District
Ningbo City, Zhejiang 315135	Ningbo City, Zhejiang 315135
P.R. China	P.R. China

Prüfzeichen Test Mark

Geprüft nach Tested acc. to
EN 61810-1:2008



Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

Relay (Relay)

Type Designation	: HLS-T90(16F)-x HLS-T91(16F)-y-x	6
	x = A; B or C	1
	y = 1; 2; 3	1
	(KE LI SHUN)	
Rated Coil Voltage	: DC 5V; 6V; 9V; 12V; 24V or 48V	
Rated Coil Power	: 0,9W	
Ambient Temperature	: -40°C to +85°C	
Contact Loads	: AC 240V 30A (x = A) AC 240V 15A (x = B) AC 240V 20A/15A (x = C NO/NC)	
Electrical Endurance	: 20 000	
Mechanical Endurance	: 50 000	
Thermal Insulation Class	: F	
Type of Interruption	: Micro-Disconnection	
Insulation System between		
Coil and Contact	: Basic Insulation	
The labelling requirements acc. to EU Directive 2001/95 have to be observed for distribution within the EEA.		

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
Tel.: (+49)221 8 06 - 13 71 e-mail: cert-validity@de.tuv.com
Fax: (+49)221 8 06 - 39 35 http://www.tuv.com/safety

Zertifizierungsstelle



Zertifikat

Certificate



Zertifikat Nr. Certificate No.
R 50297204

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0002

Ihr Zeichen Client Reference	Unser Zeichen Our Reference	Ausstellungsdatum Date of Issue (day/month/year)
W.L.	01-KSH- 15076966 002	24.07.2017

Genehmigungsinhaber License Holder
Ningbo Melishun Electron Co., Ltd.
Hehuaqiao Yunlong Town
Yinzhou District
Ningbo City, Zhejiang 315135
P. R. China

Fertigungsstätte Manufacturing Plant
Ningbo Melishun Electron Co., Ltd.
Hehuaqiao Yunlong Town
Yinzhou District
Ningbo City, Zhejiang 315135
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)

as page 0001

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.
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Fax: (+49/221) 8 06 - 29 35 <http://www.tuv.com/safety>



Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 50297204

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0001

Ihr Zeichen *Client Reference*
W.L.

Unser Zeichen *Our Reference*
01-MN- 15076966 001

Ausstellungsdatum
10.03.2015

Date of Issue
(day/mo/yr)

Genehmigungsinhaber *License Holder*

Ningbo Helishun Electron Co., Ltd.
Hehuaqiao Yunlong Town
Yinzhou District
Ningbo City, Zhejiang 315135
P.R. China

Fertigungsstätte *Manufacturing Plant*

Ningbo Helishun Electron Co., Ltd.
Hehuaqiao Yunlong Town
Yinzhou District
Ningbo City, Zhejiang 315135
P.R. China

Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. to*
EN 61810-1:2008

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

Lizenzentgelte - Einheit
License Fee - Unit

Relay (Relay)

Type Designation : HLS-T90 (15F) -x HLS-T91 (16F) -y-x
x = A; B or C
y = 1; 2; 3
(HE LI SHUN)
Rated Coil Voltage : DC 5V; 6V; 9V; 12V; 24V or 48V
Rated Coil Power : 0,9W
Ambient Temperature : -40°C to +85°C
Contact Loads : AC 240V 30A (x = A)
AC 240V 15A (x = B)
AC 240V 20A/15A (x = C NO/NC)
Electrical Endurance : 20 000
Mechanical Endurance : 50 000
Thermal Insulation Class : F
Type of Interruption : Micro-Disconnection
Insulation System between
Coil and Contact : Basic Insulation
The labelling requirements acc. to EU Directive 2001/95
have to be observed for distribution within the EEA.

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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

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Fax: (+49/221)8 06 - 39 35 http://www.tuv.com/safety

Zertifizierungsstelle





PRODUCT CERTIFICATE

No.: CQC14002107242

NAME AND ADDRESS OF THE APPLICANT

NINGBO HELISHUN ELECTRON CO.,LTD
Hehuaqiao Yunlong Town Yinzhou District Ningbo

NAME AND ADDRESS OF THE MANUFACTURER

NINGBO HELISHUN ELECTRON CO.,LTD
Hehuaqiao Yunlong Town Yinzhou District Ningbo

NAME AND ADDRESS OF THE FACTORY

NINGBO HELISHUN ELECTRON CO.,LTD (V002840)
Hehuaqiao Yunlong Town Yinzhou District Ningbo

NAME, MODEL AND SPECIFICATION

RELAY

HLS-T90 (15F), HLS-T91 (16F) 系列:触点负载: A 型30A 240VAC、B 型 15A 240VAC、C 型NO/NC 20A/15A 240VAC;线圈电压:5VDC、6VDC、9VDC、12VDC、24VDC、48VDC;线圈功率: 0.9W;电气寿命: 2E4 周期;机械寿命: 5E4 周期;环境温度: -40℃~85℃;RT II (系列命名方式见附件)

THE STANDARDS AND TECHNICAL REQUIREMENTS FOR THE PRODUCTS

GB/T 21711.1-2008

CERTIFICATION MODEL

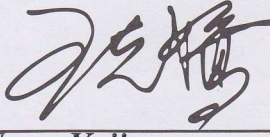
Type Testing of Product + Initial Factory Inspection + Follow up Factory Inspection

This is to certify that the above mentioned products have met the requirements of certification rules CQC11-462155-2010.

Date of issue: Apr.03,2014

Validity of this certificate is subject to positive result of the regular follow up inspection by issuing certification body until the expiry date.

President:


Wang Kejiao



CHINA QUALITY CERTIFICATION CENTRE

Section 9, No.188, Nansihuan Xilu, Beijing 100070 P.R.China
<http://www.cqc.com.cn>

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