



Product Service

CERTIFICATE

No. B 17 11 01874 001

Holder of Certificate: Guangxi Ramway Technology Co.,Ltd

No.9, Xingyu Road, High-Tech Zone
54300 Wuzhou, Guangxi
PEOPLE'S REPUBLIC OF CHINA



Certification Mark:



Product:

**Relays
(Bistable relay)**

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.: 64100170306901

Valid until: 2022-11-21

Date, 2017-11-22

Boris Ouyang
(Boris Ouyang)



Page 1 of 3

**CERTIFICATE****No. B 17 11 01874 001****Model(s): DS908A, DS908B, DS908C,
DS908D, DS908E****Parameters:**

Ratings for EN61810-1:

-Rated voltage(s) of the coil(s):	DC6V, DC9V, DC12V, DC24V
-Rated power of the coil(s):	See Coil data table
-Type of load:	Resistive load
-Rated voltage(s) of the contacts:	250VAC
-Rated current(s) of the contacts:	60A for DS908A; 90A for DS908C; 100A for DS908B, DS908D and DS908E
-Electrical endurance:	10 000 cycles
-Mechanical endurance:	1 00 000 cycles
-Thermal class:	Class B
-Ambient temperature:	-40°C to +85°C

-Categories of environmental protection(RT):

RT I

-Type of interruption:

Micro-disconnection

-Insulation system

between coil and contact:

Basic insulation

-Glow-wire test:

850°C

Ratings for EN 62055-31:

-Minimum switched current:	1.0A
-Rated breaking current (Ic):	60A for DS908A; 90A for DS908C; 100A for DS908B, DS908D and DS908E

-Rated breaking voltage (Uc):

250VAC

-Utilisation category:

UC3

Remark: For standard EN 62055-31 only clause 7.9 and annex C are considered.

Tested**according to:**

EN 61810-1:2015

EN 62055-31:2005 clause 7.9, annex C

**Production
Facility(ies):**

01874

Page 2 of 3



Product Service

CERTIFICATE

No. B 17 11 01874 001

Coil data table

Type of relay	Rated voltage(s) of the coil (VDC)	Rated power of the coil (W)
DS908A	6	2.25
	9	2.5
	12	2.6
	24	2.9
DS908B	6	3.0
	9	4.5
	12	4.5
	24	4.5
DS908C	6	2.3
	9	2.3
	12	2.7
	24	2.9
DS908D, DS908E	6	2.1
	9	4.1
	12	4.2
	24	4.3

Test report no.: 64100170306901

Date, 2017-11-22



China

Choose certainty.
Add value.

TÜV SÜD Certification and Testing (China) Co., Ltd. Guangzhou Branch
5F, Communication Building, 163 Pingyun Rd, Huangpu Ave. West Guangzhou, Guangdong, P. R. China

Guangxi Ramway Technology Co., Ltd
No.9, Xingyu Road, High-Tech Zone, Wuzhou, Guangxi

Your reference/letter of	Our reference/name	Tel. extension/e-mail	Fax extension
		+86 20 3815 3209	+86 20 38320478

Subject: Your TÜV SÜD CERTIFICATE

Dear Sir or Madame,

We are pleased to send you your below listed certificate(s) , which entitle you to label your certified product(s) with the respective certification mark as applicable.

<u>Certificate No.</u>	<u>Product</u>	<u>Model</u>
B 17 11 01874 001	Relays	DS908A, DS908B, DS908C, DS908D, DS908E

Further, we like to remind you on following information, which are applicable to all certificate holders:

- As a certificate holder, you have contractual obligations to the related TÜV SÜD certification body as outlined in global "Testing and Certification Regulations" of TÜV SÜD, which you can receive from us or download at: <http://www.tuv-sud.cn/cn-en/terms-and-conditions>.
- If the products listed on the certificate will be exported to European Market, the name of the certificate holder (manufacturer) and the name and address of the importer or authorized representative based within the European Economic Area must be clearly affixed on the product or where that is not possible, on the packaging or in a document accompanying the product.
- The annual license fee will be **10** units for maintaining the validity of the certificate.
- To ensure that the validity of the certificate is not jeopardized, please inform us about any change in your production or of the product itself (this also includes changes to the user manual or rating label)
- If you want to stop the renewal of the above listed certificate(s) for the following year, please inform TÜV SÜD in writing by September 30 of the current year. If not received on time, the annual fee of the following year is to be paid and the cancellation will be done the year after.

If you have any question regarding your certificate(s) or the proper use of the certification mark on your products, please do not hesitate to contact us.

Yours sincerely, *Anna Zhu*

TÜV SÜD Certification and Testing (China)
Co., Ltd Guangzhou Branch

HSBC Bank (China) Company Limited
Guangzhou Branch
Account No.:
629-129339-011 (RMB)
009-129339-055 (USD)
SWIFT Code: HSBCCNSHGZH

General Manager:
Mr. Likun Huang

Telephone: +86 20 3832 0668
Telefax : +86 20 3832 0478
www.tuv-sud.cn



TÜV SÜD Certification and Testing (China)
Co., Ltd Guangzhou Branch
5F, Communication Building,
163 Pingyun Rd, Huangpu Ave. West
Guangzhou, Guangdong, P. R. China
510656