ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

Product Service

CERTIFICATE

No. B 001874 0003 Rev. 00

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.: 64100180777501

Valid until: 2024-04-27

Date, 2019-04-29 (Boris Ouyang)

TÜV SÜD Product Service GmbH • Certification Body • Ridlerstraße 65 • 80339 Munich • Germany

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Model(s): **DS907B series, DS908H series**

(DS907B-120A 9V D)
I II III IV

I - Model designation
DS907B
II - Rated contact current
120A
III – Rated coil voltage
6V: 6VDC
9V: 9VDC
12V:12VDC
24V: 24VDC
IV – Coil model
D: double coils
Blank: single coil.

DS908H-90A 9V D)
I II III IV

I - Model designation
DS908H
II - Rated contact current
90A
III – Rated coil voltage
6V: 6VDC
9V: 9VDC
12V:12VDC
24V: 24VDC
IV – Coil model
D: double coils
Blank: single coil.)

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:	120A for DS907B series; 90A for DS908H series.
Number of poles:	3 poles for DS907B series, 2 poles for DS908H series.
Electrical endurance:	10 000 cycles
Mechanical endurance:	100 000 cycles
Thermal class:	Class B
Ambient temperature:	-40°C to +70°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):	120A for DS907B series; 90A for DS908H series.

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Rated breaking voltage (Uc):	250VAC
Utilisation category:	UC3 for DS907B series; UC2 for DS908H series.

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

Coil data table

Type of relay	Rated voltage(s) of the coil (VDC)	Coil resistance ± 10% (Ω)		Operate/ release voltage (VDC)	Rated power of the coil (W)
		Single winding	Double winding		
DS908H series	6	16	8x2	4.8	2.25
	9	36	18x2	7.2	2.25
	12	54	27x2	8.4	2.70
	24	256	128x2	19.2	2.25
DS907B series	6	15	7.5x2	4.8	2.40
	9	34	17x2	7.2	2.40
	12	56	28.5x2	8.4	2.50
	24	230	115x2	19.2	2.50

Tested according to: EN 61810-1:2015
EN 62055-31:2005 clause 7.9, annex C

Production Facility(ies): 001874

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