

EXPERTISE

Expert Opinion of the Notified Body based on the Conformity Assessment according to Annex IV of the R&TTE Directive 1999/5/EC

Eurofins Product Service GmbH

EU Identification Number **0681**

recognized by



Bundesnetzagentur

BNetzA-bS-02/51-53

Registration Number: **S3M21103-0016-C_rev02**

Certificate Holder: **Ningbo Free Trade Zone Rising Sun Electrical Co., Ltd.,
No.17, Chuangye Road 1, West part of Free Trade Zone,
Ningbo, Zhejiang, CHINA**

Model Name: **RSL366R, RSL3660R, RSL364R, RSL3640R, RSL369R, RSL3690R,
RSL366R-F, RSL3660R-F, RSL364R-F, RSL3640R-F, RSL369R-F,
RSL3690R-F,
RSL366R-UK, RSL3660R-UK, RSL364R-UK, RSL3640R-UK,
RSL369R-UK, RSL3690R-UK**

Brand Name: **RISING SUN**

Product Description: **Radio Receiver**

Applied harmonised Standards:	Safety/Health:	EN 61058-1:2002+A2:2008
	EMC:	EN 301 489-3 V1.4.1:2002-08
		EN 301 489-1 V1.8.1:2008-04
	Radio:	EN 300 220-2 V2.3.1:2010-02

This certificate is issued in accordance with Annex IV of the R&TTE Directive 1999/5/EC of 9th March, 1999 and is only valid in conjunction with the following annex: - 1 -

Marking Example according to Article 12 of the R&TTE Directive:

CE0681



Reichenwalde, 18 August 2011

Ort, Ausstellungsdatum
Place, Date of Issue

Unterszeichnet von/Signed by Jörg Kusig
Benannte Stelle/Notified Body



Opinion on the essential requirements

Article 3.1a) Health and Safety	no remarks
Article 3.1.b) electromagnetic compatibility	no remarks
Article 3.2 effective use of the radio spectrum	no remarks

Manufacturer(s)	Ningbo Free Trade Zone Rising Sun Electrical Co., Ltd. No.17, Chuangye Road 1, West part of Free Trade Zone, Ningbo, Zhejiang, CHINA
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System description

Frequency band(s)	433.050 MHz – 434.790 MHz
Operating frequency/ Alignment range	433.92 MHz
Transmit power	Rx, only
Type of modulation	ASK
Type of antenna	integral
Mode of operation (simplex/duplex)	simplex
Duty cycle (access protocol, if applicable)	./.
Comments	Sub-class 20 "Non-Specific Short Range Devices"

Technical Construction File

essential components of the technical construction file:

Test Report(s)	Safety:	XYG-11JU0141ATSP XYG-11JU0140ACSP XYG-11JU0145ACSP
	EMC:	EFSH11020018-IE-01-E04-A1
	Radio:	EFSH11020018-IE-01-E08-A1

User manual	RSL366RL36 series
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Technical Documentation

including:	PCB Layout Circuit diagram Part list
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Declarations:	Acc. to Article 3.1a: protection health/safety
	Acc. to Article 3.1b: relating electromagnetic compatibility
	Acc. to Article 3.2: relating radio spectrum

Obligations of the Certificate Holder

An opinion is valid at the time of issue and relates only to the situation at that time. It is the manufacturer's responsibility to seek an updated opinion if they believe that a change in design, manufacture, requirements or any other matter calls in to question the validity of the opinion.

In this sense, there is no "duration of validity" for a notified body opinion. It remains valid for so long as the circumstances relevant to its issue remain unchanged. If there is a change, then it is the responsibility of the manufacturer to determine the need for a new or updated opinion.

The Declaration of Conformity must be supplied with each product; it can be a separated leaflet or be printed in the users manual or packaging.

Equipment, which at the time of placing on the market contains as an integral part a R&TTE component, which should not be removed by the user, should be marked according to the R&TTE Directive. In addition in its user manual it should comply with the R&TTE Directive and e.g. indicate geographic limitations of use.



BV LCIE
CHINA
Number

N°1166AS03XYG5134

ATTESTATION of conformity with European Directives

Product: Wireless remote control receiver
Reference RSL36xxR series, RSL88xxR series, RSL36xRD series (See model list on page 2)
Issued to NINGBO FREE TRADE ZONE RISING SUN ELECTRICAL CO., LTD
Address No.17, Chuangye Road 1, West part of Free Trade Zone, Ningbo
Manufacturer NINGBO FREE TRADE ZONE RISING SUN ELECTRICAL CO., LTD
Technical characteristics See technical characteristics on page 2

The submitted sample of the above equipment has been tested for **CE** marking according to following European Directive and following standards:

- Low voltage directive 2006/95/EC

Standards	Report number	Report date
DIN VDE 0620-1:2010	XYG-10DE0778ACSP	08/06/2011
EN 61058-1:2002+A2:2008	XYG-11JU0145ACSP	08/06/2011

The referred test report(s) show that the product complies with standard(s) recognized as giving presumption of compliance with the essential requirements in the specified European Directive

This verification does not imply assessment of the production of the product
The **CE** marking may be affixed if all relevant and effective European Directives with **CE** are applicable

Shanghai (P.R. China), June 9th, 2011



Holger SCHAFFER
Technical Manager



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Information given in this document, are related to the tested specimen of the described electrical sample.

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BV LCIE
CHINA
Number

N°1166AS03XYG5134

Technical characteristics

Model series	Model	Technical characteristics
RSL36xxR series	RSL369R (2000W)	230V~ Max.2000W IP20
	RSL3690R (3680W)	230V~ Max.3680W IP20
	RSL3660R (3680W)	230V~ Max.3680W IP20
	RSL366R (2000W)	230V~ Max.2000W IP20
	RSL3640R (3680W)	230V~ Max.3680W IP44
	RSL364R (2000W)	230V~ Max.2000W IP44
RSL88xxR series	RSL889R (2000W)	230V~ Max.2000W IP20
	RSL8890R (3680W)	230V~ Max.3680W IP20
	RSL8880R (3680W)	230V~ Max.3680W IP20
	RSL888R (2000W)	230V~ Max.2000W IP20
	RSL8840R (3680W)	230V~ Max.3680W IP44
RSL36xRD series	RSL884R (2000W)	230V~ Max.2000W IP44
	RSL366RD	230V~ 40W-300W IP20
	RSL369RD	230V~ 40W-300W IP20

Holger SCHAFFER
Technical Manager



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EXPERTISE

Expert Opinion of the Notified Body based on the Conformity Assessment according to Annex IV of the R&TTE Directive 1999/5/EC

Eurofins Product Service GmbH

EU Identification Number **0681**

recognized by



BNetzA-bS-02/51-53

Registration Number: **G3M21008-3610-C**

Certificate Holder: **Ningbo Free Trade Zone Rising Sun Electrical Co., Ltd.,
No.17, Chuangye Road 1, West part of Free Trade Zone, Ningbo,
Zhejiang, CHINA**

Model Name: **RSL366T, RSL369T**

Brand Name: **RISING SUN**

Product Description: **wireless remote control transmitter**

Applied harmonised Standards: Safety/Health: EN 60950-1:2006+A11:2009
EN 50371:2002
EMC: EN 301 489-1 V1.8.1:2008-04
EN 301 489-3 V1.4.1:2002-08
Radio: EN 300 220-2 V2.1.2:2007-06

This certificate is issued in accordance with Annex IV of the R&TTE Directive 1999/5/EC of 9th March, 1999 and is only valid in conjunction with the following annex: - 1 -

Marking Example according to Article 12 of the R&TTE Directive:

CE0681



Reichenwalde, 14 September 2010

Ort, Ausstellungsdatum
Place, Date of Issue

Unterschiedet von/Signed by Jörg Kusig
Benannte Stelle/Notified Body



Opinion on the essential requirements

Article 3.1a) Health and Safety	no remarks
Article 3.1.b) electromagnetic compatibility	no remarks
Article 3.2 effective use of the radio spectrum	The EN 300 220-2 V2.1.2:2007-06 is for the presumption of conformity still applicable up to 2013-05-31. Afterwards only the follower EN 300 220-2 V2.3.1:2010-02 will be applicable.
Manufacturer(s)	Ningbo Free Trade Zone Rising Sun Electrical Co., Ltd. No.17, Chuangye Road 1, West part of Free Trade Zone, Ningbo, Zhejiang, CHINA

System description

Frequency band(s)	433.050 MHz – 434.790 MHz
Operating frequency/ Alignment range	433.92 MHz
Transmit power	1.18 mW
Type of modulation	ASK
Type of antenna	internal
Mode of operation (simplex/duplex)	simplex
Duty cycle * (access protocol, if applicable)	< 10%
Comments	Sub-class 20 "Non-Specific Short Range Devices"

Technical Construction File

essential components of the technical construction file:

Test Report(s)	Safety/Health:	G3M21008-3610-L3
		G3M21008-3610-L4
	EMC:	G3M21008-3610-L2
	Radio:	G3M21008-3610-L1

User manual RSL366 series

Technical Documentation

including: PCB Layout
Circuit diagram
Part list

Declarations:

Acc. to Article 3.1a:	protection health/safety
Acc. to Article 3.1b:	relating electromagnetic compatibility
Acc. to Article 3.2:	relating radio spectrum

Obligations of the Certificate Holder

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LCIE

Accréditation
N° 5-0014
Portée
disponible sur
www.cofrac.fr



**ZEICHENGENEHMIGUNGS-AUSWEIS
CERTIFICAT D'AUTORISATION D'USAGE DE LA MARQUE GS-LCIE
CERTIFICATE OF MARKING USAGE AUTHORIZATION**

No. **612946A/A1**
N° Nr.

Genehmigungsinhaber
Titulaire
Holder

**NINGBO FREE TRADE ZONE RISING SUN ELECTRICAL Co., Ltd
N°17 Chuangye Road 1, West Part of Free Trade Zone - NINGBO - CHINA**

Fertigungsstätte
Site de fabrication
Manufacturing site

**NINGBO FREE TRADE ZONE RISING SUN ELECTRICAL Co., Ltd (1856AP)
N°17 Chuangye Road 1, West Part of Free Trade Zone - NINGBO - CHINA**

Prüfzeichen / Marque / Marking



Aktenzeichen

Dossiers N°
File No.
612946A, 612946B

Ausstellungsdatum

Date d'établissement
Date of delivery
2011-08-11

Gültig bis

Date de fin de validité
Expires on
2016-08-11

Geprüft nach / Essayé et trouvé conforme à / Tested in conformity with
**DIN VDE 0620-1:2010
EN 61058-1:2002 +A2:2008
ZEK 01.2-08, issue 10-12-2008**

Testbericht Nr. / Rapports d'essais n° / Test report No
XYG-10DE0778ACSP

Produkt / Produit / Product

Fernbedienungssteckdose Adaptateur intermédiaire Intermediate adaptor

Modell / Modèle / Model

**RSL36xxR series
RSL88xxR series**

Nominalwerte / Caractéristiques nominales / Rated characteristics

Anhang sehen / voir annexe / see annex

Markenname (falls vorhanden) / Marque de fabrique (s'il y a lieu) / Brand name (if any)



Weitere Angaben / Informations complémentaires (s'il y a lieu) / Additional information (if any)

**A1 : Annule et remplace les certificats GS/cancels and replaces GS certificates N°612946A, 612946B dated 23/06/2011 : Regroupement des certificats N°612946A, 612946B et ajout de la norme EN61058-1
Compilation of certificates n° 612946A, 612946B and addition of the standard EN61058-1**

Dieser Genehmigung liegen unsere Prüf- und Zertifizierungsregeln zugrunde. Produkt und Fertigungsstätte erfüllen § 4, 5 und 7 der "Geräte- und Produkt Sicherheitsgesetz" GPSG - La présente autorisation est soumise à nos règles de certification. Le produit et le lieu de fabrication remplissent les conditions des articles 4, 5 et 7 de la Loi allemande "GPSG" (Geräte- und Produkt Sicherheitsgesetz). - The present certificate is submitted to our Testing and Certification rules. The product and the manufacturing site meet the requirements of § 4, 5 and 7 of the German Law ("Geräte- und Produkt Sicherheitsgesetz").

Fontenay-aux-Roses, 2011-08-11

Leiter der Zertifizierungsstelle,
Directeur de la Certification / Certification Manager



Michel BRENON

Zugelassene Stelle nach § 11 GPSG / Organisme habilité selon art. 11 de la Loi GPSG / Approved Body acc'd § 11 GPSG. Société par Actions Simplifiée

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Adaptateur intermédiaire/intermediate adaptor RSL36xxR series

Références /References	IP	Références socle/fiche References socket/plug	Description / description
RSL3660R (3680W)	20	RS100GR	Récepteur de télécommande sans fil/ Wireless remote control receiver
RSL366R (2000W)	20	RS100GR	
RSL369R (2000W)	20	RS100GR	
RSL3690R (3680W)	20	RS100GR	
RSL364R (2000W)	44	RS101GR	
RSL3640R (3680W)	44	RS101GR	

Adaptateur intermédiaire/intermediate adaptor RSL88xxR series

Références /References	IP	Références socle/fiche References socket/plug	Description / description
RSL8880R (3680W)	20	RS100GR	Récepteur de télécommande sans fil/ Wireless remote control receiver
RSL888R (2000W)	20	RS100GR	
RSL889R (2000W)	20	RS100GR	
RSL8890R (3680W)	20	RS100GR	
RSL884R (2000W)	44	RS101GR	
RSL8840R (3680W)	44	RS101GR	

Composants Components	Fabricant Manufacturer	Modèle Model	Conformité Conformity
Capacitor X2 (Alt.)	Jiangsu Xinghua Huayu Shenzhen Su Rong	MPX MPX	VDE VDE
Relay (Alt.)	Xiamen Hongfa Ningbo Shoi	HF152F/HF152F-T S3-24HA	VDE TUV R
Thermal link (Alt.)	Aupo Xiamen Set	A1-F K1	VDE VDE
Internal wiring (Alt.)	Xinya Lonsid	1015 1007 1015 1007	UL UL

(Partie électronique/Electronic portion selon/according to EN61058-1+A2 :2008 : voir/see LCI test report n° XYG-11JU0145ACSP)



**Caractéristiques nominales et principales / Rating and principal Characteristics**

Feuille de norme / <i>Standard Sheet</i>	DIN 49441 (fiche/plug) / DIN 49 440 (socle/socket)
Tension nominale / <i>Rated voltage (V)</i>	250V
Tension réseau / <i>Household voltage (V)</i>	230V
Présence de contact de terre <i>Provision for earthing</i>	Avec double contact de terre / <i>With dual earthing contact</i>
Procédé de raccordement du câble <i>Method of connecting the cable</i>	Non démontable / <i>Non-rewirable</i>
Type de connexion / <i>Type of connections</i>	Soudé/welded
Couleur / <i>Colour</i>	Toutes couleurs / <i>Any colours</i>
Socles / Socket-outlets :	
Socles multiples / <i>Multiple socket-outlets</i> Nombre de socles / <i>Number of socket-outlets</i>	16A : 1
Présence des obturateurs / <i>Existence of shutters</i>	Avec obturateurs / <i>With shutters</i>
Mode de pose - utilisation <i>Method of application - mounting</i>	Socles mobiles / <i>Portable type</i>
Fiches / Plugs :	
Classe du matériel / <i>Class of equipment</i>	I
Courant nominal / <i>Nominal current (A)</i>	16A

