

# CERTIFICATE

## of Conformity

Low Voltage Directive 73/23/EEC  
as last amended by EEC Directive 93/68/EEC

Registration No.: AN 9937089 01

Report No.: E 9866211 Z 02

**Holder:** LG Industrial Systems Co., Ltd.

1, Songjeong Dong, Heungduck Gu  
Cheongju Shi  
Choongcheongbuk Do, 361-290  
R.O.K.

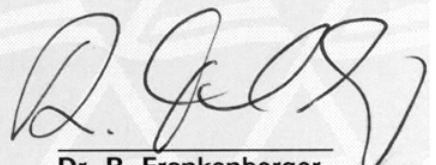
**Product:** RELAIS  
(Electronic Overload Relay)

**Identification:** Type Designation : GMP80-xy Series  
x stands for : number of energized poles of main  
circuit (2 - 2 of 3, 3 - 3 of 3)  
y stands for : P - pin type terminal  
S - screw type terminal  
Serial No. : n.a. (prototype)

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with all provisions of Annex I of Council Directive 73/23/EEC, in its latest amended version, referred to as the Low Voltage Directive. This certificate does not imply assessment of the series-production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to Annex III of the Directive.

Certification Body

Cologne, 11.02.99



Dr. R. Frankenberger

**TÜV Rheinland Product Safety GmbH - Am Grauen Stein - D-51105 Köln**

# Zertifikat Certificate



Zertifikat Nr. Certificate No.

R 9937141

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01

Ihr Zeichen Client Reference

Unser Zeichen Our Reference

00042-JHO/yy- E9866211Z02

Ausstellungsdatum Date of Issue

29.04.99

(day/mo/yr)

Genehmigungsinhaber License Holder

LG Industrial Systems Co., Ltd.  
1, Songjeong Dong, Heungduck Gu  
Cheongju Shi  
Choongcheongbuk Do, 361-290  
R.O.K.

Fertigungsstätte Manufacturing Plant

LG Industrial Systems Co., Ltd.  
1, Songjeong Dong, Heungduck Gu  
Cheongju Shi  
Choongcheongbuk Do, 361-290  
R.O.K.

Prüfzeichen Test Mark

Geprüft nach Tested acc. to

EN 60947-4-1:1992+A1+A2

EN 60947-5-1:1997+A11

EN 60947-1:1997+A1+A2



Zertifiziertes Produkt (Geräteidentifikation)

Certified Product (Product Identification)

Lizenzentgelte - Einheit

License Fee - Unit

RELAIS (Electronic Overload Relay)

Type Designation

x stands for

: GMP80-xS Series

: number of energized  
poles

2 - 2 of 3,

3 - 3 of 3;

5

Rated impulse withstand voltage : 4 kV

Pollution degree : 2

Overvoltage category : III

Protection degree : IPXX

Electrical ratings of supply circuit :

Rated voltage : 250 V a.c.

Rated frequency : 50/60 Hz

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ANLAGE (Appendix): 1

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.

Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.

This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.

Zertifizierungsstelle

U. Sonntag



TÜV Rheinland Product Safety GmbH, Am Grauen Stein, D-51105 Köln

Dipl.-Ing. U. Sonntag



# Zertifikat Certificate



Zertifikat Nr. Certificate No.

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Blatt Page

02

Ihr Zeichen Client Reference

Unser Zeichen Our Reference

00042-JHO/yy- E9866211Z02

Ausstellungsdatum Date of Issue  
(day/mo/yr)

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Fertigungsstätte Manufacturing Plant

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Certified Product (Product Identification)

Lizenzentgelte - Einheit

License Fee - Unit

RELAIS (Electronic Overload Relay)

Continuation

Electrical ratings of control circuit (aux. contacts) :

Utilization categories	: AC-12	AC-15
Rated operational voltage	: 250 V a.c.	250 V a.c.
Rated operational current	: 5 A	3 A
Rated frequency	: 50/60 Hz	
Contact form	: 1A+1B	
Contact polarity	: opposite	
Isolation	: open contacts not suitable for isolation	

Kind of short-circuit protective device : Fuse acc. to EN 60269-2

Rated conditional short-circuit current : 1 kA

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ANLAGE (Appendix): 1

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Zertifizierungsstelle

U. Sonntag



# Zertifikat Certificate



Zertifikat Nr. Certificate No.  
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Blatt Page  
03

Ihr Zeichen Client Reference

Unser Zeichen Our Reference

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(day/mo/yr)

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Zertifiziertes Produkt (Geräteidentifikation)  
Certified Product (Product Identification)

Lizenzentgelte - Einheit  
License Fee - Unit

RELAIS (Electronic Overload Relay)

Continuation

Electrical ratings of main circuit :  
Rated operational voltage : 600 V a.c.  
Rated frequency : 50/60 Hz

Operation :  
Current setting : 16 A - 80 A  
Trip class : 10, 20 or 30

ANLAGE (Appendix) : 1

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