

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
R 50157783

Blatt *Page*  
0002

Ihr Zeichen *Client Reference*  
J.L.

Unser Zeichen *Our Reference*  
02-CHENAND- 17011847

Ausstellungsdatum  
002 26.10.2009

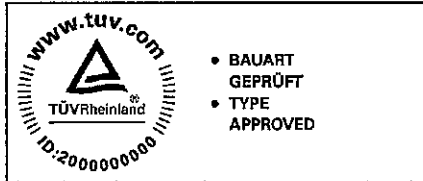
*Date of Issue*  
(day/mo/yr)

**Genehmigungsinhaber *License Holder***  
Amphenol Industrial Operations  
40-60 Delaware Avenue, Sidney  
New York State 13838-1395  
USA

**Fertigungsstätte *Manufacturing Plant***  
Amphenol Technology (Shenzhen)  
Co., Ltd.  
Blk5, FuAn 2nd Industrial Park  
Dayang Rd., Fuyong Town, Baoan  
Shenzhen, Guangdong 518103  
P.R. China

## Prüfzeichen *Test Mark*

Geprüft nach *Tested acc. to*  
EN 50521:2008



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

**Lizenzentgelte - Einheit**  
*License Fee - Unit*

Connector (Connector for Photovoltaic System)

as page 0001  
Change  
Addition

Test Requirement : See above  
Type Designation : Helios H4 2.5mm<sup>2</sup> (for cable)  
Helios H4 4mm<sup>2</sup> (for cable)  
Helios H4 6mm<sup>2</sup> (for cable)  
Helios H4 2.5mm<sup>2</sup> bulkhead (for panel)  
Helios H4 4mm<sup>2</sup> bulkhead (for panel)  
Helios H4 6mm<sup>2</sup> bulkhead (for panel)  
Rated Current : 32A/ta=90°C, 40A/ta=85°C for 2.5mm<sup>2</sup>  
40A/ta=90°C, 48A/ta=85°C for 4.0mm<sup>2</sup>  
44A/ta=90°C, 56A/ta=85°C for 6.0mm<sup>2</sup>  
Ambient Temperature (ta) : 90°C  
Upper Limiting Temperature: 120°C  
The labelling requirements acc. to EU Directive 2001/95  
have to be observed for distribution within the EEA.

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ANLAGE (Appendix): 1.1

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 Product Safety GmbH, Am Grauen Stein, D-51105 Köln**  
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



Dipl.-Ing. S.-O. Steinke

Amphenol Industrial Operations  
Mr. John Law  
-  
40-60 Delaware Avenue, Sidney  
New York State 13838-1395  
USA

Date : 26.10.2009  
Our ref. : CHENAND 02  
Your ref.: J.L.

**Ref : R TÜV-Mark Approval**

Type of Equipment : Connector for Photovoltaic System  
Model Designation : See Certificate  
Certificate No. : R 50157783 0002  
Report No. : 17011847 002

Dear Mr. John Law,

The above specified technical equipment has been tested and found to be in accordance with the relevant requirements.

Enclosed you will find the certificate of approval.

If cancellation of the certificate is submitted by November 15 in a given year, no fee will be charged for the following year.

We appreciate your kind support and would like to offer our assistance and continuous services in the future.

Please contact our office for approval of your new products.

With kind regards,

Certification Body

Dipl.-Ing. S. O. Steinke

Enclosure

TÜV Rheinland  
(Shenzhen) Co., Ltd.

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