

KITANI ELECTRIC CO., LTD.  
Mr. Yoshihar Takubo, Foreman  
Development Dept. 1  
1-13-3 Nagaokagu-machi  
Hirakata-shi, Osaka  
573-0102 JAPAN

Date : 29.09.2008  
Our ref. : SHY ZO  
Your ref.: KTN080401-2

**Ref : R TÜV-Mark Approval**

Type of Equipment : Connector for Photovoltaic-Systems  
Model Designation : See Certificate  
Certificate No. : R 50135597 0001  
Report No. : 12307074 001

Dear Mr. Yoshihar Takubo,

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

Please find enclosed your certificate.

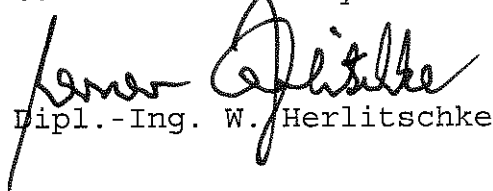
As the photo documentation is the evidence of certification, you need to keep the authorized copy for reference purposes as long as your certificate remains valid and the products are being sold.

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

We appreciate your support and would like to offer our assistance in the approval of your future products through our extensive range of technical services. Please feel free to contact us whatever your requirements may be.

With kind regards,

Certification Body

  
Dipl.-Ing. W. Herlitschke

Enclosure

# Zertifikat *Certificate*



Zertifikat Nr. *Certificate No.* Blatt *Page*  
R 50135597 0001

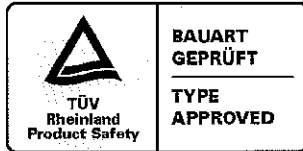
<i>Ihr Zeichen Client Reference</i>	<i>Unser Zeichen Our Reference</i>	<i>Ausstellungsdatum</i>	<i>Date of Issue</i> (day/mo/yr)
KTN080401-2	ZO-SHY- 12307074 001	29.09.2008	

**Genehmigungsinhaber License Holder**  
KITANI ELECTRIC CO., LTD.  
1-13-3 Nagaokagu-machi  
Hirakata-shi, Osaka  
573-0102 JAPAN

**Fertigungsstätte Manufacturing Plant**  
KITANI ELECTRIC CO., LTD.  
Sha Tou Industrial Park  
Dong Da Road  
Changan Zhem, Dong Guan City  
Guang Dong Province 523861  
P.R. China

## Prüfzeichen *Test Mark*

Geprüft nach *Tested acc. to*  
DIN V VDE V 0126-3/12.06



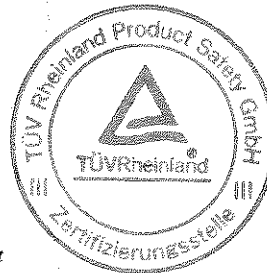
**Zertifiziertes Produkt (Geräteidentifikation)**  
*Certified Product (Product Identification)*

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

Steckverbinder Connector for Photovoltaic-Systems

Type Designation	: KTN-PVC1P-FAI-II	5
	(I, II = see Appendix 1)	1
Number of Poles	: 1	
Rated Voltage	: 1000V	
Rated Current	: max. 40A	
Ambient Temperature	: -40°C to +90°C	
Overvoltage Category	: III	
Pollution Degree	: 3	
Classification	: Free connector without breaking capacity	
IP-Code	: IP67	
Terminals	: Solderless crimped connection	

Remark: 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

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

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. W. Hermschke