



Certificate No 306448-05

# DEMKO CERTIFICATE

**Product:** Optocoupler with internal creepage distance  
**Manufacturer:** Cosmo Electronics Corporation  
 No. 396 Lu-Fu Rd., Dong-Shan Town, Yi-Ian Hsien, Taiwan  
**Production site:** See appendix  
**Certified by request of:** Cosmo Electronics Corporation  
 15F-1, No. 376, sec. 4, Jen-Ai Rd., Taipei, Taiwan  
**Trademark:** COSMO or WORLD WINDOW  
**Model/Type ref.:** See appendix  
**Rated current or power:** -  
**Rated voltage:** -  
**Insulation Class:** -  
**Degree of protection:** -  
**Additional information:** reinforced insulation, DIP, SMD and H types of pins.

Variants covered by this certificate are specified in the attached appendix.  
 Detailed specification of the certified product(s) is listed in the appendix.

A sample of the product has been tested and found in conformity with EN 60950 (1992) with A1 (1993), A2 (1993), A3 (1995), A4 (1997) and A11 (1997) and EMKO-TSE (74-SEC) 207/94.

Furthermore, the product complies with the national deviations in the following countries:  
 Denmark.

Date of expiry: 2008-12-31

*The manufacturer complies with the Production Surveillance Requirements.*

*DEMKO A/S is a body notified to the Member States and Commission of the European Communities according to the provisions of Article 8 of the Low Voltage Directive.*

*Products included in this certificate are allowed to carry the registered approval marks of DEMKO A/S, ® or for cables <DEMKO>. The name of DEMKO can be used in the marketing of the products as well.*

*This certificate is only valid for products, which are identical to the certified product, and manufactured at the above mentioned production sites. DEMKO A/S has to be informed in writing about any changes, in accordance with the "DEMKO A/S Standard Terms and Conditions" for DEMKO services.*

Herlev, 2000-11-29



*Steen Lumby*  
 Steen Lumby  
 Certification Manager

Notified body:

DEMKO A/S • P.O. Box 514 • Lyskaer 8 • DK-2730 Herlev • Tel: +45 44856565 • Fax: +45 44856500



# APPENDIX TO DEMKO CERTIFICATE NO306448-05

Production sites:

Cosmo Electronics Corporation  
No. 396 Lu-Pu Rd., Dong-Shan Town, Yi-Lan Hsien, Taiwan

Cosmo Electronics Corporation  
No. 16, Tsu-Chen Rd., Tung-Shan Town, I-Lan Hsien, Taiwan

Additional information:

01-01) K1010	01-09) KP3010
01-02) KP1110	01-10) KP3020
01-03) KP1010	01-11) KP3040
01-04) KP1020	01-12) KP4010
01-05) KP1040	01-13) KP4020
01-06) K2010	01-14) KP4040
01-07) KP2010	01-15) KP5010
01-08) K3010	01-16) KP6010

Marking: When mark model # on the unit, it may be removed "K" or "KP"

The certificate has been issued on the basis of Nordic Certification Service, certificate No. 11876 A4, issued by FIMKO, dated 2000-10-27.

This certificate replaces previous certificate no. 306448-04 dated 2000-09-26.

A new certificate has been issued on the account of added to additional information.

Herlev, 2000-11-29



  
Steen Lumby  
Certification Manager

Notified body:

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**DEMKO**



A subsidiary of  
Underwriters  
Laboratories Inc. v