DEMKO CERTIFICATE

Product:

Optocoupler with internal creepage distance

Manufacturer:

Cosmo Electronics Corporation

No. 396 Lu-Pu Rd., Dong-Shan Town, Yi-Lan 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 AN 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 regimered approval marks of DEMKO AG, . 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 site(s).

DEMKO AS has to be informed in writing about any changes, in accordance with the "DEMKO AS Standard Terms and Conditions" for DEMKO services.

Herley, 2000-11-29

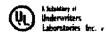


Steen Lumby
Certification Manager

Notified body:

DEMKO A/S • P.O. Box 514 • Lyskaer 8 • DK-2730 Heriev • 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) KP6 010

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:

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



