

Certificate



for European Product Safety

Reference No. 1211660

Optocoupler

Type designation FOD814, FOD815, FOD816, FOD817, FOD617, FOD852,
FOD814A, FOD817A, FOD817B, FOD817C, FOD817D,
FOD617A, FOD617B, FOD617C, FOD617D, FOD817X

Certificate holder **Fairchild Semiconductor**
3030 Orchard Parkway
San Jose, CA 95134
UNITED STATES

The product complies with the standard(s) EN 60065:2002+A1+A11+A2+A12
EN 60950-1:2006 and A11+A1+A12

Date of expiry 29 March 2017

Additional information in Appendix.

Certification Body Intertek Semko AB, Product Certification

Place Kista - Stockholm

Signed


Bo Berglöf

Date 29 March 2012
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Technical data

Type designation

FOD814, FOD815, FOD816, FOD817, FOD617,
FOD852, FOD814A, FOD817A, FOD817B,
FOD817C, FOD817D, FOD617A, FOD617B,
FOD617C, FOD617D, FOD817X

Brand name:

F

Product information

Operating temperature max. 115 °C.

The following tests have been performed with positive result:

- Distance through insulation between input and output is more than 0.4 mm; measured a minimum of 0.6 mm.
- External creepage distances/clearances between input and output are more than 5 mm/4 mm; measured a minimum of 7.8 mm / 7.8 mm.
- Internal creepage distances between input and output are more than 4 mm; measured a minimum of 5.2 mm.
- Insulation between the input and output withstands electric strength test of 3000 V/1 minute; it withstands also electric strength test of 5000 V/1 minute.
- Enclosure of the component withstands electric strength test of 1500 V/1 minute and it fulfils the requirement of basic insulation.
- Enclosure of the component is made of class V-0 material.

After judgement from case to case, the optocoupler can bridge basic, supplementary, double or reinforced insulation, provided that the ratings in data sheet are not exceeded in normal operation or under fault condition in the appliance.

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Manufacturing site(s) Lite-On Electronics (Thailand) Co., Ltd.
38/4 Moo 1, Rangsit-Ongkarak Road,
Bungyeetoh, Tanyaburi,
PATHUMTHANI 12130,
THAILAND

Lite-On Electronics Inc. (TianJin)
No. 11 Fu-Yuan Road,
Wuqing Development Area,
TIANJIN CITY 301700,
CHINA

Lite-On Opto Technology (Changzhou) Co., Ltd.
A1, No. 88, Yanghu Road,
Wujin Hi-Tech Industrial Development Zone,
213166 JIANGSU PROVINCE,
CHINA

This certificate is based on a certificate with ref. No. NCS/FI 26382 A1 dated 21 March 2012, issued by SGS FIMKO LTD according to the Nordic Certification Service Agreement.

This certificate replaces previously issued ref. No. 1024922 dated 17 November 2010.

Certification Body Intertek Semko AB, Product Certification *Place* Kista - Stockholm

Signed 
Bo Berglöf *Date* 29 March 2012

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