

## Optocoupler

### Test Certificate Electronic components



Certificate No	7800
This is to certify that	Optocoupler types as listed in the schedule to this certificate
Submitted by	Vishay Semiconductor GmbH Theresienstraße 2 D-74072 Heilbronn Germany
Signed	
Issue date	28 January 2008
Expiry date	27 January 2010

have been tested by BSI in accordance with PS082 and Test Leaflet 5 to BS EN 60950-1:2006 and IEC 60950-1:2005 Sub-clauses 2.9.1, 2.10.1, 2.10.5.2, 2.10.5.3, 2.10.5.4, 2.10.9, 2.10.11, 4.7.3.4 (Clause A.2.7) and 5.2.2

Details of the scope of the testing are given in BSI Report No CP001687 and any addenda thereto.

Attention is drawn to the conditions under which this certificate is issued, namely:

1. The general conditions relating to acceptance of testing (PS082) and the specific conditions (Test Leaflet No TL5 or TL22 as stated above) apply in all respects.
2. This certificate may not be published except in full including any schedule unless permission for the publication of an approved extract has been obtained in writing from the Managing Director of BSI Product Services.
3. This certificate is valid until the expiry date shown above. It shall then be considered cancelled and withdrawn and shall not be used in any way whatsoever.
4. If BSI is satisfied that the manufacturer is marketing what is purporting to be the same model of component but which has been altered or modified or is in any material aspect different from the item tested or is satisfied in respect of evidence discovered by or submitted to it that components purported to be identical to that originally certified are no longer meeting any part of the requirements of the original examination and tests then the certificate will be immediately withdrawn and shall not be used in any way whatsoever.

Prepared by: BSI Product Services Maylands Avenue Hemel Hempstead Hertfordshire HP2 4SQ



Schedule to Test Certificate No 7800  
Schedule issue date 28 January 2008  
Test Certificate expiry date 27 January 2010

Optocoupler type IL series in DIP8 packages, 'over-under' construction (bi-plane) as listed below:

IL300  
IL300-E  
IL300-F  
IL300-EF  
IL300-DEFG

including Options 1, 6, 7 and 9, as rated below:

#### Supplementary insulation

- |  |                                |
|--|--------------------------------|
| 1. Mains supply voltage:                             | ≤ 600 V r.m.s. for all options |
| 2. Working voltage:                                  | ≤ 600 V r.m.s. for all options |
| 3. Peak working voltage:                             | 640 V                          |
| 4. Overvoltage category:                             | II                             |
| 5. Pollution degree:                                 | 2                              |
| 6. Flammability – Sub-clause 4.7.3.4 (Clause A.2.7): | Pass                           |
| 7. Maximum operating temperature:                    | 100 °C                         |

#### Reinforced insulation

- |  |  |
|--|--|
| 1. Mains supply voltage:                             | ≤ 300 V r.m.s. for standard lead form<br>≤ 400 V r.m.s. for options 6, 7 and 9 |
| 2. Working voltage:                                  | ≤ 300 V r.m.s. for standard lead form<br>≤ 400 V r.m.s. for options 6, 7 and 9 |
| 3. Peak working voltage:                             | 640 V  |
| 4. Overvoltage category:                             | II   |
| 5. Pollution degree:                                 | 2  |
| 6. Flammability – Sub-clause 4.7.3.4 (Clause A.2.7): | Pass   |
| 7. Maximum operating temperature:                    | 100 °C   |

This schedule must be read in conjunction with the test certificate identified above and may not be published except in full including the certificate.

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