

## Optocoupler

### Test Certificate

Electronic components

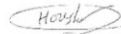


Certificate No 8957

This is to certify that Optocoupler types as listed in the schedule to this certificate

Submitted by Vishay Semiconductor GmbH  
Theresienstraße 2  
74072 Heilbronn  
Germanyhave been tested by BSI in accordance with CP0322  
and Test Leaflet 5 to BS EN 60950-1:2006 (IEC 60950-1:2005)  
Sub-clauses 2.9.1, 2.10.1, 2.10.5.4, 2.10.9,  
2.10.11, 4.7.3.4 (Clause A.2.7) and 5.2.2Details of the scope of the testing are given in  
BSI Report No 245/7010402 and any addenda thereto.

Signed



Issue date 3 July 2009

Expiry date 2 July 2011

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

1. The Conditions of Contract for Testing (CP0322) 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 This certificate may not be published except in full including any schedule unless permission for the publication of an approved extract has been obtained in writing from the Managing Director of Testing 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 It shall then be considered cancelled and withdrawn and shall not be used in any way whatsoever.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meeting any part of the requirements of the original examination and tests then the certificate will be immediately withdrawn and shall not be used in any way whatsoever.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 Maylands Avenue Hemel Hempstead Hertfordshire HP2 4SQ



Schedule to Test Certificate No 8957  
Schedule issue date 3 July 2009  
Test Certificate expiry date 2 July 2011



Optocouplers DIP8, 1-channel and 2-channels as listed below:

**DIP8, 1-channel:**

(First partnumber)	(Second partnumber)
6N137	
SFH6741	VO2601
SFH6742	VO2611

**DIP8, 2-channel:**

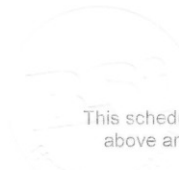
(First partnumber)	(Second partnumber)
SFH6750	VO2630
SFH6751	VO2631
SFH6752	VO4661

**Reinforced Insulation**

- |   |                                  |
|---|----------------------------------|
| 1. Mains supply voltage:                      | ≤ 300 V r.m.s. (Standard)        |
|   | ≤ 400 V r.m.s. (Options 6 and 7) |
| 2. Working voltage:                           | ≤ 300 V r.m.s. (Standard)        |
|   | ≤ 400 V r.m.s. (Options 6 and 7) |
| 3. Peak working voltage:                      | 640 V                            |
| 4. Overvoltage category:                      | II                               |
| 5. Pollution degree:                          | 2                                |
| 6. Flammability – Sub-clause 4.7.3.4 (A.2.7): | Pass                             |
| 7. Maximum operating temperature:             | 100 °C                           |

**Basic / Supplementary Insulation (Standard and option 6 and 7)**

- |   |                |
|---|----------------|
| 1. Mains supply voltage:                      | ≤ 600 V r.m.s. |
| 2. Working voltage:                           | ≤ 600 V r.m.s. |
| 3. Peak working voltage:                      | 640 V          |
| 4. Overvoltage category:                      | II             |
| 5. Pollution degree:                          | 2              |
| 6. Flammability – Sub-clause 4.7.3.4 (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.

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