

## Optocoupler

### Test Certificate

Electronic components



Certificate No 8987

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

have been tested by BSI in accordance with PS082 and Test Leaflet 5 to BS EN 60950-1:2006 (IEC 60950-1:2005) Sub clauses 2.9.1, 2.10.1, 2.10.5.3, 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 245/7313299 and any addenda thereto.

Signed 

Issue date 6 March 2009

Expiry date 5 March 2011

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 This certificate may not be published except in full including any schedule unless permission for the publication of an approved extract has been obtained in writing from the Managing Director of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 It shall then be considered cancelled and withdrawn and shall not be used in any way whatsoever.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 purporting 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meeting any part of the requirements of the original examination and tests then the certificate will be immediately withdrawn and shall not be used in any way whatsoever.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 8987  
Schedule issue date 6 March 2009  
Test Certificate expiry date 5 March 2011  
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Optocoupler types:

TCMT110x  
TCMT160x  
TCMD100x  
TCMT111x

As rated below:

- |  |                             |
|--|-----------------------------|
| 1. Insulation system:                        | Reinforced                  |
| 2. Mains supply voltage:                     | ≤ 250 V r.m.s.              |
| 3. Working voltage:                          | ≤ 250 V r.m.s.              |
| 4. Peak working voltage:                     | ≤ 354 V peak                |
| 5. Overvoltage category:                     | II                          |
| 6. Pollution degree:                         | 2                           |
| 7. Flammability –Sub-clause 4.7.3.4 (A.2.7): | Pass                        |
| 8. Maximum operating temperature:            | 100 °C<br>110 °C (TCMT111x) |

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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