

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
74072 Heilbronn
Germany

have been tested and certified by BSI in accordance with
Test Leaflets 1 and 5 to BS EN 60950:2000 and IEC 60950:1999
Sub-clauses 2.9.1, 2.10.1, 2.10.7, 2.10.8, 4.7.3.4 (Clause A6) and 5.2.2

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

Signed

A handwritten signature in black ink, appearing to read 'H. ...', enclosed within a hand-drawn oval.

Issue date 16 March 2003

Expiry Date 15 March 2005

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

1. The general conditions relating to acceptance of testing (Testing Leaflet No. TL1) 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 This certificate may not be published except in full including any schedule unless permission for the publication of an approved extract has been obtained in writing from the General Manager of BSI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 It shall then be considered cancelled and withdrawn and shall not be used in any way whatsoever.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 the 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meeting any part of the requirements of the original examination and tests then the certificate will be immediately withdrawn and shall not be used in any way whatsoever.

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. Pollution degree: | 2 |
| 5. Flammability classification rating: | V-0 |
| 6. Maximum operating temperature: | 100 °C |

Reinforced insulation

- | | |
|--|--|
| 1. Mains supply voltage: | < 300 V r.m.s. for standard lead form
≤ 400 V r.m.s. for options 6, 7 and 9 |
| 2. Working voltage: | ≤ 300 V r.m.s. for standard lead form
≤ 400 V r.m.s. for options 6, 7 and 9 |
| 3. Peak working voltage: | 640 V |
| 4. Pollution degree: | 2 |
| 5. Flammability classification rating: | V-0 |
| 6. 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.