

## Optocoupler

### Test Certificate

Electronic components



Certificate No 8493

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

Submitted by Vishay Semiconductor GmbH  
Theresienstraße 2  
74072 Heilbronn  
Germany

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 245/4023511 and any addenda thereto.

Signed 

Issue date 21 July 2008

Expiry date 20 July 2010

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 This certificate may not be published except in full including any schedule unless permission for the publication of an approved extract has been obtained in writing from the Managing Director of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 It shall then be considered cancelled and withdrawn and shall not be used in any way whatsoever.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meeting any part of the requirements of the original examination and tests then the certificate will be immediately withdrawn and shall not be used in any way whatsoever.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 8493  
Schedule issue date 21 July 2008  
Test Certificate expiry date 20 July 2010



**Optocoupler type SFH690xT family:** SFH690AT  
SFH690BT  
SFH690ABT  
SFH690CT  
SFH690DT

**Optocoupler types:** SFH691AT and SFH692AT

**Working parameters:**

1. Insulation system: Basic / Supplementary / Reinforced
2. Mains supply voltage: Basic / Supplementary:  $\leq 300$  V r.m.s.  
Reinforced:  $\leq 300$  V r.m.s.
3. Working voltage: Basic / Supplementary:  $\leq 400$  V r.m.s.  
Reinforced:  $\leq 250$  V r.m.s.
4. Peak working voltage: None
5. Overvoltage category: II
6. Pollution degree: 2
7. Sub-clause 4.7.3.4 (Clause A.2.7): Pass
8. Maximum operating temperature:  $100$  °C

**Optocoupler types SFH1690xT family:** SFH1690AT  
SFH1690BT  
SFH1690ABT  
SFH1690CT  
SFH1690DT

**Working parameters:**

1. Insulation system: Basic / Supplementary / Reinforced
2. Mains supply voltage: Basic / Supplementary:  $\leq 300$  V r.m.s.  
Reinforced:  $\leq 300$  V r.m.s.
3. Working voltage: Basic / Supplementary:  $\leq 400$  V r.m.s.  
Reinforced:  $\leq 250$  V r.m.s.
4. Peak working voltage: None
5. Overvoltage category: II
6. Pollution degree: 2
7. Sub-clause 4.7.3.4 (Clause A.2.7): Pass
8. Maximum operating temperature:  $110$  °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 Product Services Maylands Avenue Hemel Hempstead Hertfordshire HP2 4SQ