

Optocoupler

Test Certificate

Electronic components



Certificate No

7955

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 60065:2002 and IEC 60065:2001 up to and including Amendment No 1 Sub-clauses 13.6, 14.11 and 20.1.4

Details of the scope of the testing are given in BSI Report No CP002290 Issue 2 and any addenda thereto.

Signed



Issue date

22 February 2008

Expiry date

21 February 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 This certificate may not be published except in full including any schedule unless permission for the publication of an approved extract has been obtained in writing from the Managing Director of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 It shall then be considered cancelled and withdrawn and shall not be used in any way whatsoever.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 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meeting any part of the requirements of the original examination and tests then the certificate will be immediately withdrawn and shall not be used in any way whatsoever.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 7955
 Schedule issue date 17 September 2009
 Test Certificate expiry date 21 February 2010



Optocoupler in DIP-6 packages, (Single channel SCR and TRIAC)

Using lead frame:	1001-9001-1AC	1001-9211-1AC	1001-9211-1AC
	IL4116	IL440-1	K3010P
	IL4117	IL440-2	K3011P
	IL4118	IL440-3	K3012P
		IL440-4	
	IL4216	IL440-5	K3020P
	IL4217	IL440-6	K3021P
	IL4218		K3022P
			K3023P
			K3036P

Including lead bending options 1, 6, 7, 8, 9

As rated below

Reinforced Insulation

Mains supply voltage: ≤ 250 V r.m.s. (All lead bending)
 Operating voltage: ≤ 300 V r.m.s. (Standard lead bending option 1)
 ≤ 400 V r.m.s. (Lead bending options 6, 7, 8, 9)
 Peak operating voltage: 640 V (Standard lead bending option 1)
 None (Lead bending options 6, 7, 8, 9)
 Pollution degree: 2
 Flammability category: V-0
 Maximum operating temperature: 100 °C

Supplementary or Basic Insulation

Mains supply voltage: ≤ 250 V r.m.s. (All lead bending)
 Operating voltage: ≤ 600 V r.m.s. (All lead bending)
 Peak operating voltage: None
 Pollution degree: 2
 Flammability category: V-0
 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, Mansfield Avenue, Hemel Hempstead, Hertfordshire, HP2 4SQ