

Optocoupler



Verification Certificate

This is to certify that: Vishay Semiconductor GmbH
Theresienstrasse 2
Heilbronn
74072
Germany

Holds Certificate Number: VC 677151

In respect of:

**BS EN 62368-1:2014 Audio/Video, information and communication Technology Equipment
Clauses 5.4, 5.5 & 6.4.5**

Type samples representative of the products listed have been tested and examined to the relevant requirements of the normative reference listed and have been found to comply with these requirements as detailed in the related Test Report as listed on page 2



For and on behalf of BSI: Shahn Barhom, Group Product Certification Director

First Issued: 2018-01-11
Latest Issue: 2023-07-20

Effective Date: 2023-07-20
Expiry Date: 2025-03-05

Page: 1 of 3

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No. VC 677151

Manufacturing Location: Vishay Semiconductor Malaysia Sdn. Bhd.
No. 1710-1 Kawasan Perindustrian Krubong
75250 Melaka
Malaysia

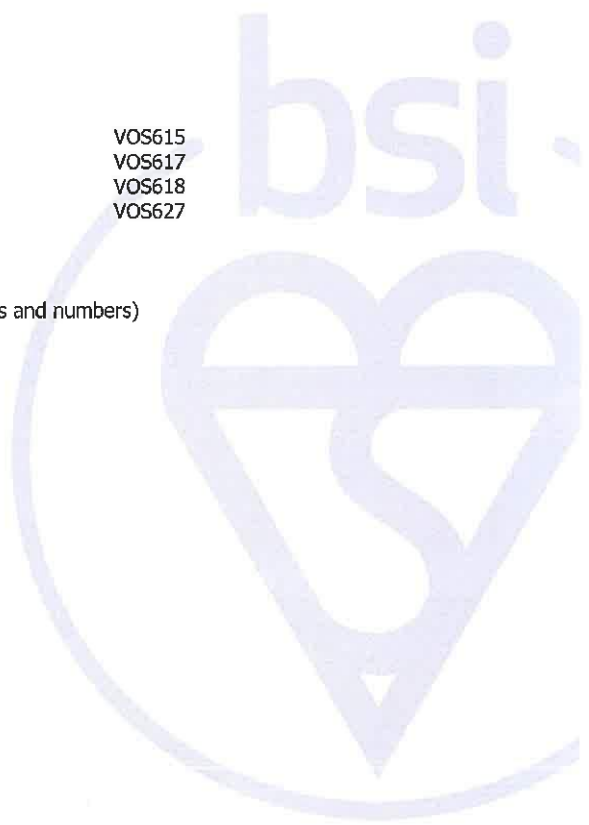
Test Report Numbers: 3908319

Product Description

Optocoupler types:

TCMT110x	TCMD100x	VOS615
TCMT160x	TCMD400x	VOS617
TCMT410x	SFH6916	VOS618
TCMT4600		VOS627
TCMT4606		

x = CTR selection group 0, 1, 2, 3, 4, 5, 6, 7, 8 and 9
(Note: Model designations may be followed by additional letters and numbers)



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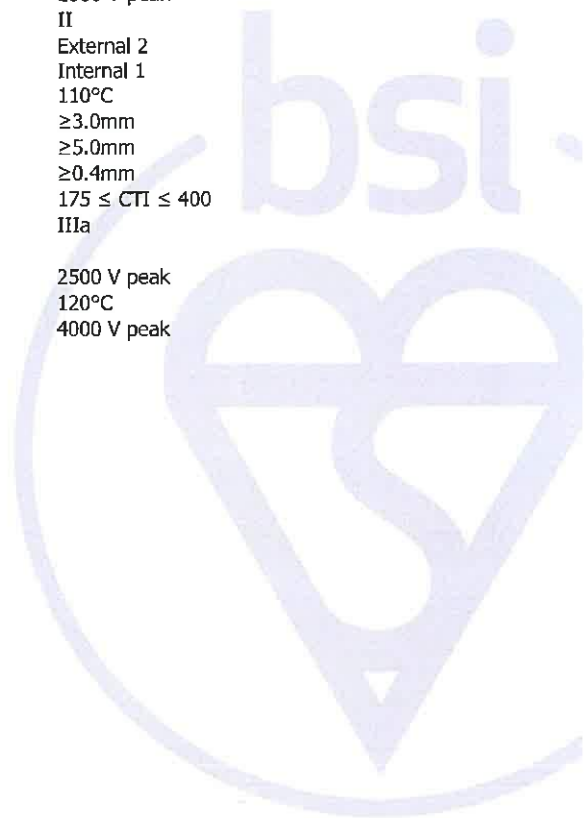
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Rated as below:

1. Insulation system:	Reinforced
2. Mains supply voltage:	250 V r.m.s.
3. RMS working voltage:	250 V r.m.s
4. Peak working voltage:	2000 V peak
5. Overvoltage category:	II
6. Pollution degree:	External 2 Internal 1
7. Maximum operating temperature:	110°C
8. Clearance distance:	≥3.0mm
9. Creepage distance:	≥5.0mm
10. Distance through insulation:	≥0.4mm
11. Comparative Tracking Index (CTI):	175 ≤ CTI ≤ 400
12. Material group:	IIIa
Working Parameters	
Mains transient voltage (Withstand voltage)	2500 V peak
Thermal cycling storage temperature:	120°C
Thermal cycling electric strength test voltage.	4000 V peak



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