

## Optocoupler



### Verification Certificate

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

Holds Certificate Number: VC 643586

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:

Frank Lee, Product Certification Technical and Compliance Director

First Issued: 2015-11-20  
Latest Issue: 2021-11-19

Effective Date: 2021-11-19  
Expiry Date: 2023-08-02

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## Verification Certificate

No. VC 643586

Test Report Number: 3492974

### Product Description

Optocoupler types:

SFH617A, SFH1617A, SFH615A, VO617A and VO618A

As rated below:

1.	Hygroscopic/asbestos/natural rubber materials used:	No
2.	Insulation system:	Reinforced
3.	Mains supply voltage:	≤250 V r.m.s
4.	RMS working voltage:	≤400 V r.m.s
5.	Peak working voltage:	2000 V peak
6.	Overvoltage category:	II
7.	Pollution degree:	External 2 Internal 1
8.	Maximum operating temperature:	115 °C
9.	Clearance distance:	>6.4 mm
10.	Creepage distance:	>6.4 mm
11.	Distance through insulation:	>0.4 mm
12.	Comparative Tracking Index (CTI):	175 ≤ CTI ≤ 400
13.	Material Group:	IIIa
Working parameters:		
	Mains transient voltage (withstand voltage):	2500 V peak
	Thermal cycling storage temperature:	125 °C
	Thermal cycling electric strength test voltage:	4000 V peak

In respect of BS EN 62368-1:2014 Clause 6.4.5, samples passed the flammability requirements in accordance with EN 60747-5-5:2001 Clause 7.4.3.6.1

Note: This certificate has been issued for the renewal of VC 643586.

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