www.vishay.com

Optocoupler

VDE Prüf- und Zertifizierungsinstitut

ZEICHENGENEHMIGUNG MARKS APPROVAL

VISHAY Semiconductor GmbH Theresienstraße 2 74072 Heilbronn Germany

ist berechtigt, für ihr Produkt / is authorized to use for their product

> Optokoppler Optocoupler

die hier abgebildeten markenrechtlich geschützten Zeichen für die ab Blatt 2 aufgeführten Typen zu benutzen / the legally protected Marks as shown below for the types referred to on page 2 ff.



Geprüft und zertifiziert nach / Tested and certified according to

DIN EN IEC 60747-5-5 (VDE 0884-5):2021-10; EN IEC 60747-5-5:2020

VDE Prüf- und Zertifizierungsinstitut GmbH VDE Testing and Certification Institute Zertifizierungsstelle / Certification

A. Fabiau

VDE Zertifikate sind nur gültig bei Veröffentlichung unter: VDE zertificates are valid only when published on: Aktenzeichen: 422610-4880-0057 / 297265 File ref.: Ausweis-Nr. 132473 Blatt 1 Certificate No. Page Weltere Bedingungen einere Rücksette und Folgeblätter / Winther conditions see overlead and following pages Offenbach, 2001-02-23 (letzte Änderung / updated 2022-11-04)

http://www.vde.com/zertifikat http://www.vde.com/certificate



Revision: 02-Dec-2022

1 For technical questions, contact: <u>optocoupleranswers@vishay.com</u> Document Number: 83584



VDE	Prüf-	und	Zertifiz	ierungs	sinstitut
Zeicl	henge	neh	migung	-	·

Ausweis-Nr. / Blatt / Certificate No. Page 132473 2

Name und Sitz des Genehmigungs-Inhabers / Name and registered seat of the Certificate holder VISHAY Semiconductor GmbH, Theresienstraße 2, 74072 Heilbronn

Aktenzeichen / File ref. 422610-4880-0057 / 297265 / TL7 / SCT

letzte Änderung / updated 2022-11-04

Datum / Date 2001-02-23

Dieses Blatt gilt nur in Verbindung mit Blatt 1 des Zeichengenehmigungsausweises Nr. 132473. This supplement is only valid in conjunction with page 1 of the Certificate No. 132473.

Optokoppler **Optocoupler**

Typ(en) / Type(s)

- 1] TCLT 100 (0;1;2;3;4;5;6;7;8;9) (blank; A-Z;0-9) 2] 3] TCLT 110 (0;1;2;3;4;5;6;7;8;9) (blank; A-Z;0-9) TCLT 1600 (blank; A-Z;0-9) TCLD 1000 (blank; A-Z;0-9) TCLT 101 (0;2;3;4;5;6;7;8;9) (blank; A-Z;0-9) 4] 5] 6] 7] 8] TCLT 111 (0;2;3;4;5;6;7;8;9) (blank; A-Z;0-9) VOL618A(blank;A-Z;0-9)-...- X001 VOL628A(blank;A-Z;0-9)-...- X001 9<u>j</u> VOL617A(blank;A-Z;0-9)-...- X001 101 VOL605A(blank;A-Z;0-9)-...- X001
- 111 VOL607A(blank;A-Z;0-9)-...- X001
- 12] VOL608A(blank;A-Z;0-9)-...- X001
- VOL3120(blank;A-Z;0-9)-X001 13]
- 14] VOL616A (blank;A-Z;0-9)-...-X001

Anmerkung Remark

(0;1;2;3;4;5;6;7;8;9): Bezeichnet unterschiedliche CTR Werte / Indicates different CTR values

(blank;A-Z;0-9): Selektierter Typ oder Kundenbezeichnung / Selection type or Customer code

-...-: Unterschiedliche CTR Werte / Different CTR values

-X001: Option für VDE Zulassung / Option for VDE approved

Nur zugelassen, solange alle Werte des Basistyps erhalten bleiben /

Only approved as long as all values of the basic type remains the same

Weitere Angaben siehe Anlagen Further information see appendix 200K1, 200K2, 300M1, 300 M2 und 500Z1 vom 2022-11-04 200K1, 200K2, 300M1, 300M2 und 500Z1 dated 2022-11-04



VDE Prüf- und Zertifizierungsinstitut GmbH * Testing and Certification Institute

Merianstrasse 28. D-63069 Offenbach

2

Document Number: 83584

For technical questions, contact: optocoupleranswers@vishay.com THIS DOCUMENT IS SUBJECT TO CHANGE WITHOUT NOTICE. THE PRODUCTS DESCRIBED HEREIN AND THIS DOCUMENT ARE SUBJECT TO SPECIFIC DISCLAIMERS, SET FORTH AT www.vishav.com/doc?91000



VDE Prüf- und Zertifizierungsinstitut Zeichengenehmigung

Name und Sitz des Genehmigungs-Inhabers / Name and registered seat of the Certificate holder VISHAY Semiconductor GmbH, Theresienstraße 2, 74072 Heilbronn

Aktenzeichen / File ref. 422610-4880-0057 / 297265 / TL7 / SCT

Dieses Beiblatt ist Bestandteil des Zeichengenehmigungsausweises Nr. 132473. *This supplement is part of the Certificate No. 132473.*

Ausweis-Nr. /	Beiblatt /
Certificate No.	Supplement
132473	

letzte Änderung / updated Datum / Date 2022-11-04 2001-02-23

Optokoppler

Optocoupler

Fertigungsstätte(n) Place(s) of manufacture

Referenz/Reference 30009952

Vishay Semiconductor Malaysia Sdn. Bhd. 1710-1 Krubong Ind. Park Mukim Krubong 75250 MELAKA MELAKA MALAYSIA



VDE Prüf- und Zertifizierungsinstitut GmbH * Testing and Certification Institute

Merianstrasse 26, D-63069 Offenbach

Document Number: 83584

Internet for and for Contract to the formation of t	Zei	VDE Prüf-und Zertifizierungsinstitu Zeichengenehmigung	stitut			KUDAK / HUDAC 341	20			Ausweis-Nr. / Certificate No. 132473	e No.	Anlage / Appendix 200K1	
Observation American American American American American Output Image: Control of the con	lame /ISH/ Dieses	nd Sitz des Genetringungs-imblers / Name and registered seat of the AY Semiconductor GmbH, Theresienstraße 2, 740721 Blatt pilturin i Vethichton mit Batt 1 des Zeichergeretmigungstasweis wenerd is conformation with more 1 of the Zeicherade Mn 1				Akerzeichen 422610-4	/ File ref. 880-0057/29)7265/TL7/SC	F	letzte Ån 2022-1	terung / updated	2001-C	^{Date})2-23
Полиции Полиции Полиции Полиции Полиции Полиции 1	Opto	koppler coupler											
TCLT 100(0:12:3:4:5:6:7:9) (blank:A-Z0-9)			າndu; ວິນຍອີນເ⊒		muminim – Innqtoo1 ID-γελ	tuqtuO - tuqnl eonstsib egeqeero lennstx3	External clearance input - Output	apatiov noitelosi keed evitteqet .xeM	egetiov noitelosi treisnert mumixeM			operating temperature range	
TCLT T10(07:1234:56;7;89) (blank;A-Z;0-9) ⁴ GaAs R-LED Protoransistor 10,16 28,0 1650 8000 2 55:11021 55:+110 TCLT 1600(blank;A-Z;0-9) ⁴ GaAs R-LED Protoransistor 10,16 28,0 1650 8000 2 55:11021 55:+110 TCLT 1600(blank;A-Z;0-9) ⁴ GaAs R-LED Protoransistor 10,16 28,0 1650 8000 2 55:11021 55:+110 TCLT 101(0;2;34;557;89) (blank;A-Z;0-9) ⁴ GaAs R-LED Protoransistor 10,16 28,0 1650 8000 2 55:11021 55:+110 TCLT 111(0;2;34;557;89) (blank;A-Z;0-9) ⁴ GaAs R-LED Protoransistor 10,16 28,0 1650 8000 2 55:11021 55:+110 VOL6174 (blank;A-Z;0-9)···· X001 ⁴ GaAs R-LED Protoransistor 10,16 28,0 1650 8000 2 55:11021 55:+110 VOL6174 (blank;A-Z;0-9)···· X001 ⁴ GaAs R-LED Protoransistor 10,16 28,0 1650 8000 2 55:110221 55:+110<		TCLT 100(0;1;2;3;4;5;6;7;8;9) (blank;A-Z;0-9) ¹⁾	GaAs IR-LED	Phototransistor	10,16	≥ 8,0	≥ 8,0	1050	8000		56/110/21	-55+110	-55 +150
Tcl T1600(blank,A-2;0-9) ⁴ Gaas R-LED Pnotoransistor 10,16 28,0 1050 20 55/110/21 55410 Tcl T1010(2;34;55739) (blank,A-2;0-9) ⁴ Gaas R-LED Pnotoransistor 10,16 28,0 1050 8000 2 55./110/21 55410 Tcl T1010(2;34;55739) (blank,A-2;0-9) ⁴ Gaas R-LED Pnotoransistor 10,16 28,0 1050 8000 2 55/110/21 55410 V0.6104(Albank,A-2;0-9) ⁴ Gaas R-LED Pnotoransistor 10,16 28,0 1050 8000 2 55/110/21 554110 V0.6104(Albank,A-2;0-9) ^{1,10} Gaas R-LED Pnotoransistor 10,16 28,0 86,0 2 55/110/21 554110 V0.6154(Albank,A-2;0-9)X001 ⁴ Gaas R-LED Pnotoransistor 10,16 28,0 28,0 25.55/110/21 554110 V0.6154(Albank,A-2;0-9)X001 ⁴ Gaas R-LED Pnotoransistor 10,16 28,0 28,0 25.55/110/21 554110 V0.6154(Albank,A-2;0-9)X001 ⁴ Gaas R-LED Pnotoransistor		TCLT 110(0;1;2;3;4;5;6;7;8;9) (blank;A-Z;0-9) ¹⁾	GaAs IR-LED	Phototransistor	10,16	≥ 8,0	≥ 8,0	1050	8000		55/110/21	-55 +110	-55 +150
TCL D1000 (blank;A-Z;0-9) ⁻⁴) Gas R:L_D Phototransistor 10,16 28,0 1650 8000 2 55/110/21 55+110 TCL T101 (0;2;3;5;5;7;39) (blank;A-Z;0-9) ⁻⁴) Gas R:L_D Phototransistor 10,16 28,0 1650 8000 2 55/110/21 55+110 TCL T111 (0;2;3;5;5;7;39) (blank;A-Z;0-9) ⁻⁴) Gas R:L_D Phototransistor 10,16 28,0 1650 8000 2 55/110/21 55+110 VOL6153 (55;7;39) (blank;A-Z;0-9)X001 ⁴) Gas R:L_D Phototransistor 10,16 28,0 1650 8000 2 55/110/21 55+110 VOL6153 (1111 (0;2;3;4;56;7;39) (blank;A-Z;0-9)X001 ⁴) Gas R:L_D Phototransistor 10,16 28,0 1050 8000 2 55/110/21 55+110 VOL6173 (111 (0;2;3;4;56;7;39) (blank;A-Z;0-9)X001 ⁴) Gas R:L_D Phototransistor 10,16 28,0 1050 8000 2 55/110/21 55+110 VOL6053 (blank;A-Z;0-9)X001 ⁴) Gas R:L_D Phototransistor 10,16 28,0 1050 8000<		TCLT 1600 (blank;A-Z;0-9) ⁴⁾	GaAs IR-LED	Phototransistor	10,16	≥ 8,0	≥ 8,0	1050	8000		55/110/21	-55 +110	-55 +150
ICLT101(0:23;45;67;78;9) (blank;A-Z;0-9) ¹¹ GaAs R-LD Protetranstor 10,16 28,0 28,0 1050 20 25,11021 55,.11021 55,.11021 55,.1102 ICLT111(0:23;45;67;78;9) (blank;A-Z;0-9) ¹¹ GaAs R-LD Protetranstor 10,16 28,0 1050 20 55/11021 55,.1102 VOL618A (blank;A-Z;0-9)X001 ⁴ GaAs R-LD Protetranstor 10,16 28,0 1050 8000 2 55/11021 55110 VOL618A (blank;A-Z;0-9)X001 ⁴ GaAs R-LD Protetranstor 10,16 28,0 1050 8000 2 55/11021 55110 VOL617A (blank;A-Z;0-9)X001 ⁴ GaAs R-LD Protetranstor 10,16 28,0 1050 8000 2 55/11021 55110 VOL607A (blank;A-Z;0-9)X001 ⁴ GaAs R-LD Protetranstor 10,16 28,0 1050 8000 2 55/11021 55110 VOL607A (blank;A-Z;0-9)X001 ⁴ GaAs R-LD Protetranstor 10,16 28,0 1050 8000 2 55/11021		TCLD1000 (blank;A-Z;0-9) ⁴⁾	GaAs IR-LED	Phototransistor	10,16	≥ 8,0	≥ 8,0	1050	8000		55/110/21	-55+110	-55 +150
TCLT111(0:2345:67.79.9) GaAs R-LED Phototransistor 10,16 28,0 28,0 1050 8000 2 55.110/21 -55+110 VOL618A (blank;A-Z0-9)X001 ⁴ GaAs R-LED Photoransistor 10,16 28,0 28,0 1050 8000 2 55.110/21 -55+110 VOL618A (blank;A-Z0-9)X001 ⁴ GaAs R-LED Photoransistor 10,16 28,0 28,0 1050 8000 2 55.110/21 -55+110 VOL618A (blank;A-Z0-9)X001 ⁴ GaAs R-LED Photoransistor 10,16 28,0 1050 8000 2 55.110/21 -55+110 VOL605A (blank;A-Z0-9)X001 ⁴ GaAs R-LED Photoransistor 10,16 28,0 28,0 1050 8000 2 55/110/21 -55+110 VOL605A (blank;A-Z0-9)X001 ⁴ GaAs R-LED Photoransistor 10,16 28,0 28,0 1050 8000 2 55/110/21 -55+110 VOL605A (blank;A-Z0-9)X001 ⁴ GaAs R-LED Photoransistor 10,16 28,0 1050 <td></td> <td>TCLT 101 (0;2;3;4;5;6;7;8;9) (blank;A-Z;0-9)¹⁾</td> <td>GaAs IR-LED</td> <td>Phototransistor</td> <td>10,16</td> <td>≥ 8,0</td> <td>≥ 8,0</td> <td>1050</td> <td>8000</td> <td></td> <td>55/110/21</td> <td>-55 +110</td> <td>-55+150</td>		TCLT 101 (0;2;3;4;5;6;7;8;9) (blank;A-Z;0-9) ¹⁾	GaAs IR-LED	Phototransistor	10,16	≥ 8,0	≥ 8,0	1050	8000		55/110/21	-55 +110	-55+150
VOL618A (blank, A.Z.0.9)X001 ⁺) GaAs R-LED Prototransistor 10,16 2 8,0 2 8,0 1050 2 55/10/21 -55+110 VOL628A (blank, A.Z.0.9)X001 ⁺) GaAs R-LED Prototransistor 10,16 2 8,0 1050 8000 2 55/110/21 -55+110 VOL628A (blank, A.Z.0.9)X001 ⁺) GaAs R-LED Prototransistor 10,16 2 8,0 1050 8000 2 55/110/21 -55+110 VOL657A (blank, A.Z.0.9)X001 ⁺) GaAs R-LED Prototransistor 10,16 2 8,0 1050 8000 2 55/110/21 -55+110 VOL605A (blank, A.Z.0.9)X001 ⁺) GaAs R-LED Prototransistor 10,16 2 8,0 1050 8000 2 55/110/21 -55+110 VOL605A (blank, A.Z.0.9)X001 ⁺) GaAs R-LED Prototransistor 10,16 2 8,0 1050 8000 2 55/110/21 -55+110 VOL605A (blank, A.Z.0.9)X001 ⁺) GaAs R-LED Prototransistor 10,16 2 8,0 1050 8000 2 55/110/21 -55		TCLT 111 (0;2;3;4;5;6;7;8;9) (blank;A-Z;0-9) ¹⁾	GaAs IR-LED	Phototransistor	10,16	≥ 8,0	≥ 8,0	1050	8000		55/110/21	-55 +110	-55+150
VOL6284 (blank;A-Z0-9)X001 ⁴) GaAs R-LED Phototransistor 10,16 28,0 28,0 1050 20 25,110/21 55110 VOL6174 (blank;A-Z0-9)X001 ⁴) GaAs R-LED Phototransistor 10,16 28,0 28,0 1050 8000 2 55/110/21 -55110 VOL6074 (blank;A-Z0-9)X001 ⁴) GaAs R-LED Phototransistor 10,16 28,0 28,0 1050 8000 2 55/110/21 -55110 VOL6074 (blank;A-Z0-9)X001 ⁴) GaAs R-LED Phototransistor 10,16 28,0 1050 8000 2 55/110/21 -55110 VOL6074 (blank;A-Z0-9)X001 ⁴) GaAs R-LED Phototransistor 10,16 28,0 28,0 1050 8000 2 55/110/21 -55110 VOL6074 (blank;A-Z0-9)X001 ⁴) GaAs R-LED Phototransistor 10,16 28,0 1050 8000 2 55/110/21 -55110 VOL6074 (blank;A-Z0-9)X001 ⁴) GaAs R-LED Phototransistor 10,16 28,0 1050 8000		VOL618A (blank;A-Z;0-9)X001 ⁴⁾	GaAs IR-LED	Phototransistor	10,16	≥ 8,0	≥ 8,0	1050	8000		55/110/21	-55+110	-55+150
VOL6174 (blank;A-Z0-9)X001 ⁴) GaAs R-LED Pholotamistor 10,16 28,0 28,0 1050 20 55/110/21 -55+110 VOL6054 (blank;A-Z0-9)X001 ⁴) GaAs R-LED Phototamistor 10,16 28,0 28,0 1050 200 2 55/110/21 -55+110 VOL6054 (blank;A-Z0-9)X001 ⁴) GaAs R-LED Phototamistor 10,16 28,0 28,0 1050 200 2 55/110/21 -55+110 VOL6054 (blank;A-Z0-9)X001 ⁴) GaAs R-LED Phototamistor 10,16 28,0 1050 8000 2 55/110/21 -55+110 VOL6054 (blank;A-Z0-9)X001 ⁴) GaAs R-LED Phototamistor 10,16 28,0 1050 8000 2 55/110/21 -55+110 VOL6164 (blank;A-Z0-9)X001 ⁴) GaAs R-LED Phototamistor 10,16 28,0 1050 8000 2 55/110/21 -55+110 VOL6164 (blank;A-Z0-9)X001 ⁴) GaAs R-LED Phototamistor 10,16 28,0 1050 8000 2 55/110/		VOL628A (blank;A-Z;0-9)X001 ⁴⁾	GaAs R-LED	Phototransistor	10,16	≥ 8,0	≥ 8,0	1050	8000		55/110/21	-55+110	-55 +150
VOL605A (blank;A-Z0-9)X001 ⁴) GaAs R-LED Prototransistor 10,16 2 8,0 1050 8000 2 55410 VOL607A (blank;A-Z0-9)X001 ⁴) GaAs R-LED Prototransistor 10,16 2 8,0 1050 8000 2 55/110/21 -55410 VOL607A (blank;A-Z0-9)X001 ⁴) GaAs R-LED Prototransistor 10,16 2 8,0 1050 8000 2 55/110/21 -55410 VOL608A (blank;A-Z0-9)X001 ⁴) GaAs R-LED Prototransistor 10,16 2 8,0 1050 8000 2 55/110/21 -55410 VOL616A (blank;A-Z0-9)X001 ⁴) GaAs R-LED Proto MOSFET 10,16 2 8,0 1050 8000 2 55/110/21 -55410 VOL616A (blank;A-Z0-9)X001 ⁴) GaAs R-LED Proto MOSFET 10,16 2 8,0 1050 8000 2 55/110/21 -55410		VOL617A (blank;A-Z;0-9)X001 ⁴⁾	GaAs IR-LED	Phototransistor	10,16	≥ 8,0	≥ 8,0	1050	8000		55/110/21	-55 +110	-55+150
VOL6074 (blank;A-Z0-9)X001 ⁴) GaAs R-LED Phototransistor 10,16 2 8,0 2 8,0 1050 200 2 55/110/21 -55+110 VOL6084 (blank;A-Z0-9)X001 ⁴) GaAs R-LED Phototransistor 10,16 2 8,0 2 8,0 1050 2 55/110/21 -55+110 VOL6084 (blank;A-Z0-9)X001 ⁴) GaAs R-LED Phototransistor 10,16 2 8,0 1050 2 000 2 55/110/21 -55+110 VOL6164 (blank;A-Z0-9)X001 ⁴) GaAs R-LED Phototransistor 10,16 2 8,0 1050 2 050 2 55/110/21 -55+110	0	VOL605A (blank;A-Z;0-9)X001 ⁴⁾	GaAs IR-LED	Phototransistor	10,16	> 8,0	≥ 8,0	1050	8000		55/110/21	-55 +110	-55 +150
VOL608A (blank;A-Z0-9),X001 ⁴) GaAs IR-LED Phototransistor 10,16 2 8,0 2 8,0 1050 2000 2 55/110/21 -55+110 VOL616A (blank;A-Z0-9),X001 ⁴) GaAs IR-LED Photo MOSFEI 10,16 2 8,0 1050 8000 2 55/110/21 -55+110 VOL616A (blank;A-Z0-9)X001 ⁴) GaAs IR-LED Photo mOSFEI 10,16 2 8,0 1050 8000 2 55/110/21 -55+110	-	VOL607A (blank;A-2;0-9)X001 ⁴⁾	GaAs R-LED	Phototransistor	10,16	≥ 8,0	≥ 8,0	1050	8000		55/110/21	-55 +110	-55 +150
VOL3120 (blank;A-Z0-9).X001 ⁴) GaAs IR-LED Photo MOSFET 10,16 2 8,0 2 8,0 1050 8000 2 55/110/21 -55+110 VOL616A (blank;A-Z0-9)X001 ⁴) GaAs IR-LED Phototransistor 10,16 ≥ 8,0 ≥ 8,0 1050 8000 2 55/110/21 -55+110		VOL608A (blank;A-Z;0-9)X001 ⁴⁾	GaAs IR-LED	Phototransistor	10,16	≥ 8 <u>.</u> 0	≥ 8,0	1050	8000		55/110/21	-55 +110	-55 +150
VOL616A (blank;A-Z;0-9)X001 ⁴) GaAs IR-LED Phototransistor 10,16 ≥ 8,0 ≥ 8,0 1050 2 55/110/21 -55+110	~	VOL3120 (blank;A-Z;0-9)-X001 ⁴⁾	GaAs IR-LED	Photo MOSFET	10,16	≥ 8,0	≥ 8,0	1050	8000		55/110/21	-55 +110	-55 +150
	+	VOL616A (blank;A-Z;0-9)X001 ⁴⁾	GaAs IR-LED	Phototransistor	10,16	≥ 8,0	≥ 8,0	1050	8000		55/110/21	-55 +110	-55 +150
													-

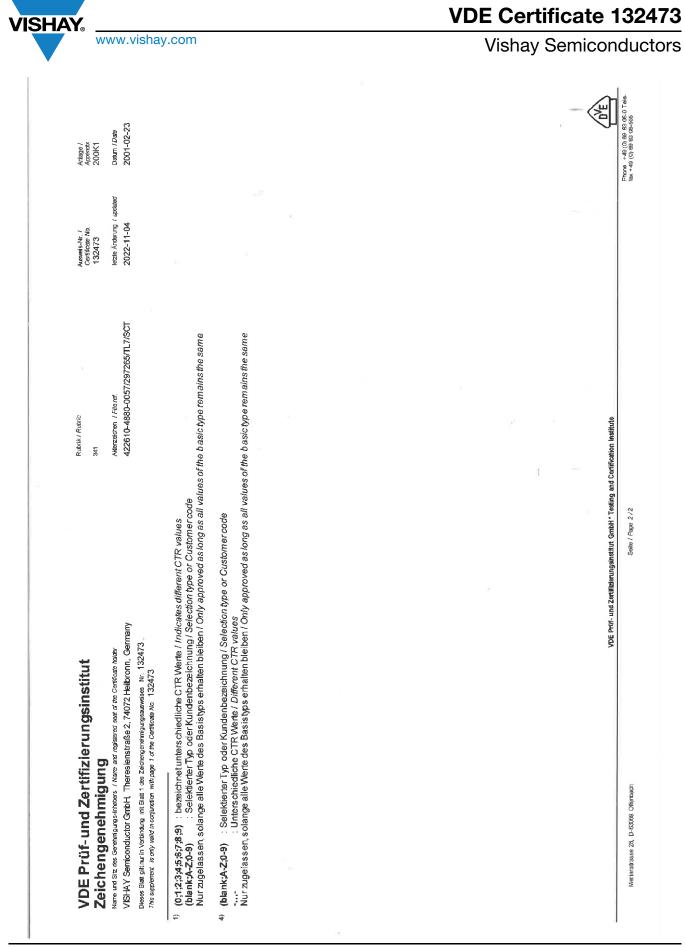
VDE Certificate 132473

Vishay Semiconductors

Revision: 02-Dec-2022

www.vishay.com

Document Number: 83584



Revision: 02-Dec-2022

Document Number: 83584

THIS DOCUMENT IS SUBJECT TO CHANGE WITHOUT NOTICE. THE PRODUCTS DESCRIBED HEREIN AND THIS DOCUMENT ARE SUBJECT TO SPECIFIC DISCLAIMERS, SET FORTH AT www.vishay.com/doc?91000

American In Status	VDE Prüf-und Zertifizierungsinstitut Zeichengenehmigung	stitut			Rubrik / Rubric 341	ubric		Ausweis-Nr. / Certificate No. 132473		Anlage / Appentix 200K2
Multiply and the first of the firs	CONTRACTS CONTRINSING AND REPORT OF THE ADDRESS OF THE ADDRESS AND ADDRESS ADDRESS AND ADDRESS AND ADDR ADDRESS AND ADDRESS	Certificale holder Jeithrono Cermor			Alterzeich	an T Fileraf. A 880, 00677/00	ZOREIT ZICCT	letzle Änderung /	updated	Datum / Date 2004_02_23
Attendence Attendece Attendece Attendece Attendece<	Pri computed offul, interestributase 4, 140 k. 8 Bat githur in Verbroung mit Bart 1 des Zechengenetrigungsauswei, suppernet is ady valid in conjunction with page 1 of the Certificate No. 1	entorum, commu es Nr. 132473 . 132473	2		2	677700-000t-				07-20- 002
State State <th< th=""><th>okoppler bocoupier</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></th<>	okoppler bocoupier									
Control Control <t< th=""><th>3</th><th>Sicherheitsgren Safety ratings</th><th>zwerte</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></t<>	3	Sicherheitsgren Safety ratings	zwerte							
(A-Z,0-9) ¹¹ 130 265 150 2607(10s) -<	Typ(en)	tnemuə tuqni mumixsM	Meximum output current	noitedizsib reword tudiuo .xsM	Max. ambient temperature ⊺s [°C]	TM2 not not asilication for SMT	em diad rebio2 rot notisofficeato		s.₽	
(A-Z)0-9) ¹¹ 130 2 265 150 260°C10s 130 1 2 265 150 260°C10s A-Z;0-9) ¹¹ 130 2 265 150 260°C10s 130 2 265 150 260°C10s 260°C10s 130 2 <td>TCLT 100(0;1;2;3;4;5;6;7;8;9) (blank;A-Z;0-9)¹⁾</td> <td>130</td> <td>Ð</td> <td>265</td> <td>150</td> <td>260°C/10s</td> <td></td> <td></td> <td></td> <td></td>	TCLT 100(0;1;2;3;4;5;6;7;8;9) (blank;A-Z;0-9) ¹⁾	130	Ð	265	150	260°C/10s				
130 - 266 150 260°C10s 130 - 265 150 260°C10s A-Z;0-9) ¹¹ 130 - 265 150 260°C10s A-Z;0-9) ¹¹ 130 - 265 150 260°C10s A-Z;0-9) ¹¹ 130 - 265 150 260°C10s 130 - 265 150 260°C10s 260°C10s 130 - 265 150	TCLT 110(0;1;2;3;4;5;6;7;8;9) (blank;A-Z;0-9) ¹⁾	130	3	265	150	260°C/10s	_			
130 - 265 150 260°C108 A-Z;0-9)" 130 - 265 150 260°C108 130 - 265 160 260°C108 260°C108 130 - 265 160 260°C108 260°C108 130 - 265 150 260°C108 260°C108 130 - 265	TCLT 1600 (blank;A-Z;0-9) ⁴⁾	130		265	150	260°C/10s	1			
A-2;0-9) ¹¹ 130 265 150 260°C10s A-2;0-9) ¹¹ 130 2 255 150 250°C10s A-2;0-9) ¹¹ 130 2 255 150 265 150 1 130 2 255 150 260°C10s 260°C10s 1 1 1 1 250°C10s 260°C10s 260°C10s 1 1 1 1 1 2 1 2 2 1 1 1 1 1 2 2 1 2 2 1 1 1 1 1 1 1	TCLD1000 (blank;A-Z;0-9) ⁴⁾	130		265	150	260°C/10s				
A-2:0-9) ¹¹ 130 - 265 150 260°C10s 1 130 - 265 150 215°C40s 1 130 - 265 150 260°C10s	TCLT 101 (0;2;3;4;5;6;7;8;9) (blank;A-2;0-9) ¹⁾	130	9	265	150	260°C/10s 215°C/40s				
130 285 150 260°C/10s 130 - 265 150 260°C/10s	TCLT111 (0;2;3;4;5;6;7;8;9) (blank;A-Z;0-9) ¹⁾	130		265	150	260°C/10s 215°C/40s				
130 - 285 150 260°C10s 130 - 285 150 260°C10s 130 - 285 150 260°C10s 130 - 265 150 260°C10s	VOL618A (blank;A-Z;0-9)X001 ⁴⁾	130	6	265	150	260°C/10s				
130 - 265 150 260°C10s	VOL628A (blank;A-Z;0-9)X001 ⁴⁾	130	14	265	150	260°C/10s				
130 - 265 150 260°C10s	VOL617A (blank;A-Z;0-9)X001 ⁴⁾	130		265	150	260°C/10s				
130 - 265 150 260°C10s 130 - 265 150 260°C10s 250 - 900 175 260°C10s 130 - 265 150 260°C10s 130 - 265 150 260°C10s VDE Pol^-und Zertification sinstitut GmbH* Testing and Certification Institute 250°C10s -	VOL605A (blank;A-Z;0-9)X001 ⁴⁾	130	3	265	150	260°C/10s				
130 - 265 150 260°C/10s 250 - 900 175 260°C/10s 130 - 265 150 260°C/10s	VOL607A (blank;A-Z;0-9)X001 ⁴⁾	130		265	150	260°C/10s				
1 ⁴⁾ 250 - 900 175 260°C/10s 1 ⁴⁾ 130 - 265 150 260°C/10s VDE Prif- und Zentificiennesinstitut Grabit "Testing and Centification Institute	VOL608A (blank;A-Z;0-9)X001 4)	130		265	150	260°C/10s				
130 - 265 150 260°C/10s VDE Poil- und Zertitierungensitut Gmbit "Testing and Certification Institute	V OL 3120 (blank;A-Z;0-9)-X001 ⁴⁾	250	-	900	175	260°C/10s				
	VOL616A (blank;A-Z;0-9)X001 ⁴⁾	130	1	265	150	260°C/10s	_			ĸ
		A DE	าป์f - นกต่ Zertเสี่เรา่อานกฐ	sinstitut GrabH * Testin	g and Certification Instit	ite	-			

Revision: 02-Dec-2022

6

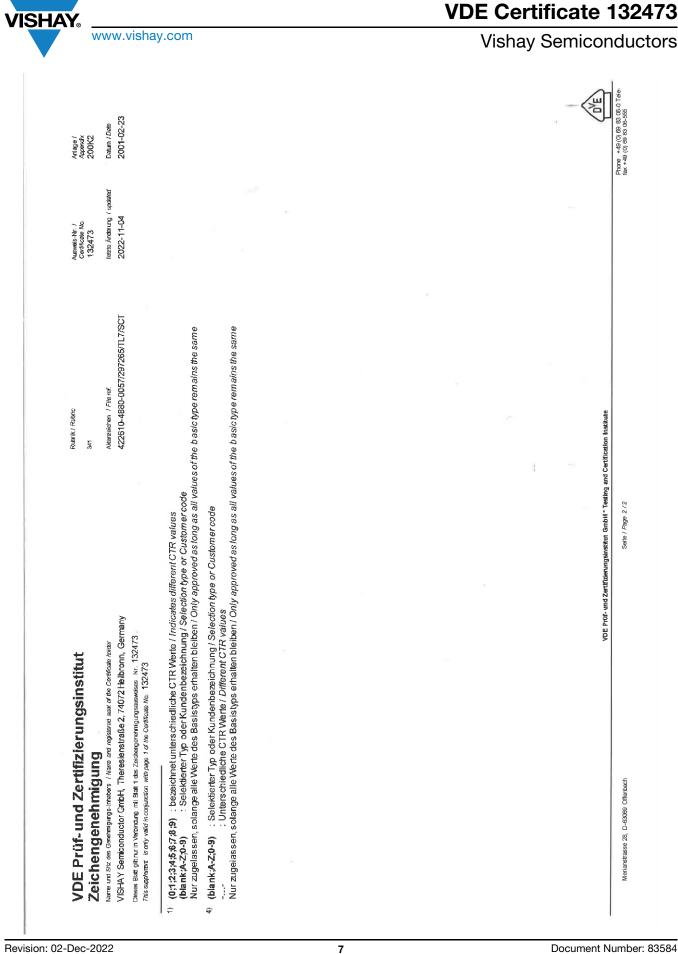
Document Number: 83584

VDE Certificate 132473

Vishay Semiconductors



For technical questions, contact: optocoupleranswers@vishay.com



Revision: 02-Dec-2022

Document Number: 83584

VDE Prüf-und Zertifizierungsinstitu Zeichennehminnnn		Certificate No. 132473	, gi	Appendix 500Z 1	
Name und Sitz des Genetringungs - Inneward segistement seet of the Certificate Index Name und Sitz des Genetringungs - Interes and registement seet of the Certificate Index VISHAY Starticonductor Grabht, Theresienstratise 2, 74072 Heilbronn, Germany Dieses Batt gilfurn in Vertrindurg mit Batt 1 des Zeichergenehrungungsausweises. Nr. 132473 . This supprement is reary verd in condurction wittingen 1 of the Certificate No. 132473 .	<i>bitcate holds</i> bionn, Germany № 132473 .	lezte Änderung 2022-11-04	leizie Änderung / updated 2022-11-04	Datum / Date 2001-02-23	bate 2-23
Optokoppler Optocoupier					
Position in VDE-Certificate Position in VDE-Certificate Type(s)	nemrovi ertaitiseu sbrebrietis terrotitibbA	Äußere Kriechstrecke Outer creepage distance [mm] – 5.4.3 Transiente Überspannung (Scheitelwert)	 Alicolaria of the second second	Dicke durch lsolierung Thicknes through Insulation [mm] – 5.4.4.2 ; 5.4.4.4 ; G.12	Betriebsspanung der verstärkten Isolie- rung / Working voltage of reinforced Insu- lation (V rms) – 5.4.3
TCLT 100(0:1:2:3:4:5:6:7:8:9) (blank:A-Z:0-9) ¹⁾	DIN EN IEC 62368-1 (VDE 0868-1):2021-05; EN IEC 62368-1:2020 + A11:2020; IEC 62368-1:2018	≥ 8,0 6	6000	2 0,4	400
2 TCLT 110(0:1:2:3:4:5:6:7:8:9) (blank:A-Z:0-9) ¹⁾	Abschnitt / Clause: 5.4.3 ; 5.4.4.2 ; 5.4.4.4 ; G.12 ; 5.4.9	≥ 8,0 6	6000	> 0,4	400
1		≥ 8,0 6	6000	2 0,4	400
1		≥ 8,0 6		2 0,4	400
-		≥ 8,0 6	6000	<u>></u> 0,4	400
		≥ 8,0 6	6000	<u>> 0,4</u>	400
7 VOL618A (blank;A-Z;0-9) X001 4)		≥ 8,0 6	6000	<u>></u> 0,4	400
-		≥ 8,0 6		> 0.4	400
9 VOL617A (blank;A-2;0-9)X001 4)		≥ 8,0 6	6000	2 0,4	400
	.5	≥ 8,0 6	6000	<u>></u> 0,4	400
11 VOL607A (blank:A-2:0-9)X001 ⁴⁾		≥ 8,0 6	6000	<u>></u> 0,4	400
12 VOL608A (blank:A-2:0-9)X001 *)		≥ 8,0 6	6000	≥ 0,4	400
t		≥ 8,0 6	6000	> 0,4	400
+	I.	≥ 8,0 6	6000	≥ 0,4	400
	VDE Prui- und Zertifizierungsinstitut GmbH * Testing and Certification Institute				
Merianstrasse 28, D-63069 Offerhech	Seite / Page 1/2			Phone +49 (0) fax +49 (0) 59	Phone +49 (0) 63 83 05-0 Tele- fax +49 (0) 53 83 05-555

SHA

www.vishay.com

Document Number: 83584

VDE Certificate 132473

Vishay Semiconductors

For technical questions, contact: optocoupleranswers@vishay.com



VDE Prüf-und Zertifizierungsinstitut Zeichengenehmigung	Rubrik / Rubric 341	Ausweis-Nr. / Gentificate No. 132473	Artage / Appendix 500Z1
	Alderzaichan / Fijle rat	leizte Anderung / updated	Datum / Date
v ionary t serreconducion unicon unice estistrause z, i 4u/ z menorum, cermany Disses Blat gitum in Verbindurg mit Blatt 1 des Zeichergenehmigungseusvesse. Nr. 132473 . This supplement is only valid in conjunction with page 1 of the Certificate No. 132473		HO-11-2707	CZ-ZU-1 UUZ
(0;1;2;3;4;5;6;7;8;9) : bezeichnetunterschiedliche CTR Werte / Indicates different CTR values (blank;A-Z;0-9) : Selektierter Typ oder Kundenbezeichnung / Se <i>lection type or Customer code</i> Nur zugelassen, solange alle Werte des Basistyps erhalten bleiben / Only approved as long as all values of the basic type remains the same	t values stomer code long as all values of the basic type remains the same		
(blank, A-Z, 0-9) : Selektierter Typ oder Kundenbezeichnung / Selection type or Customer code : Unterschiedliche CTR Werte / Different CTR values Nur zugelassen, solange alle Werte des Basistyps erhaften bleiben / Only approved as long as all values of the basic type remains the same	mer code Iong as all values of the basic type remains the same		
		и	
		10	
		a	
	1		
VDE Prût. und Zertîfizierungsin sl	VDE Prür-und Zertifizierungsinstitut GmbH * Testing and Certification histitute		(U
			Phone +49(0) 59 53 05-0 Tele-

Revision: 02-Dec-2022

Document Number: 83584