Certificate Number: UL-US-2016364-1 Report Reference: E518405-20120217 Date: 3-Feb-2022

Issued to: TIYAN SRL VIA ORIANI, 3 TRIESTE, TS 234141 Italy

This is to certify that representative samples of

XORU2 - Transformers, Construction Only - Component See Addendum Page for Product Designation(s).

Have been investigated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

Standard(s) for Safety:

Additional Information:

UL 5085-1, 1st Ed., Issue Date: 2006-04-17, Revision Date: 2018-01-17, UL 5085-2, 2nd Ed., Issue Date: 2021-08-16

See the UL Online Certifications Directory at https://ig.ulprospector.com for additional information

This *Certificate of Compliance* does not provide authorization to apply the UL Recognized Component Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.

Bample

UL LLC

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renholz, Director North American Certification Program

Certificate Number: UL-US-2016364-1 Report Reference: E518405-20120217 Date: 3-Feb-2022

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

Model	Category Description
TY E20, followed by yyzzz, may be followed by -xx.	UL 5085-1 / -2 and CSA C22.2 No. 66.1 / .2 construction
TY E30, followed by yyzzz, may be followed by -xx.	UL 5085-1 / -2 and CSA C22.2 No. 66.1 / .2 construction
TY E38, followed by yyzzz, may be followed by -xx.	UL 5085-1 / -2 and CSA C22.2 No. 66.1 / .2 construction
TY E42, followed by yyzzz, may be followed by -xx.	UL 5085-1 / -2 and CSA C22.2 No. 66.1 / .2 construction
TY E48, followed by yyzzz, may be followed by -xx.	UL 5085-1 / -2 and CSA C22.2 No. 66.1 / .2 construction
TY E54, followed by yyzzz, may be followed by -xx.	UL 5085-1 / -2 and CSA C22.2 No. 66.1 / .2 construction
TY E60, followed by yyzzz, may be followed by -xx.	UL 5085-1 / -2 and CSA C22.2 No. 66.1 / .2 construction
TY U30, followed by yyzzz, may be followed by -xx.	UL 5085-1 / -2 and CSA C22.2 No. 66.1 / .2 construction
TY U39, followed by yyzzz, may be followed by -xx.	UL 5085-1 / -2 and CSA C22.2 No. 66.1 / .2 construction

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Bruce Mahrenholz, Director North American Certification Program

UL LLC

Certificate Number: UL-CA-2016364-1 Report Reference: E518405-20120217 Date: 3-Feb-2022

Issued to:

TIYAN SRL VIA ORIANI, 3 TRIESTE, TS 234141 Italy

This is to certify that representative samples of

XORU8 - Transformers, Construction Only Certified for Canada - Component

See Addendum Page for Product Designation(s).

Have been investigated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

Standard(s) for Safety:

CSA C22.2 NO. 66.1-06, 1st Ed., Issue Date: 2006-04-17, Revision Date: 2013-12-01, CSA C22.2 NO. 66.2:21, 2nd Ed., Issue Date: 2021-08-16

Additional Information:

See the UL Online Certifications Directory at <u>https://ig.ulprospector.com</u> for additional information

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Look for the UL Recognized Component Mark on the product.

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UL LLC

Bruce Mahrenholz, Director North American Certification Program

Certificate Number: UL-CA-2016364-1 Report Reference: E518405-20120217 Date: 3-Feb-2022

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

Model	Category Description
TY E20, followed by yyzzz, may be followed by -xx.	UL 5085-1 / -2 and CSA C22.2 No. 66.1 / .2 construction
TY E30, followed by yyzzz, may be followed by -xx.	UL 5085-1 / -2 and CSA C22.2 No. 66.1 / .2 construction
TY E38, followed by yyzzz, may be followed by -xx.	UL 5085-1 / -2 and CSA C22.2 No. 66.1 / .2 construction
TY E42, followed by yyzzz, may be followed by -xx.	UL 5085-1 / -2 and CSA C22.2 No. 66.1 / .2 construction
TY E48, followed by yyzzz, may be followed by -xx.	UL 5085-1 / -2 and CSA C22.2 No. 66.1 / .2 construction
TY E54, followed by yyzzz, may be followed by -xx.	UL 5085-1 / -2 and CSA C22.2 No. 66.1 / .2 construction
TY E60, followed by yyzzz, may be followed by -xx.	UL 5085-1 / -2 and CSA C22.2 No. 66.1 / .2 construction
TY U30, followed by yyzzz, may be followed by -xx.	UL 5085-1 / -2 and CSA C22.2 No. 66.1 / .2 construction
TY U39, followed by yyzzz, may be followed by -xx.	UL 5085-1 / -2 and CSA C22.2 No. 66.1 / .2 construction

Certificate Number: UL-US-2016369-1

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Bruce Mahrenholz, Director North American Certification Program

UL LLC

Report Reference: E518405-20130225 Date: 3-Feb-2022

Issued to: TIYAN SRL VIA ORIANI, 3 TRIESTE, TS 234141 Italy

This is to certify that representative samples of

XORU2 - Transformers, Construction Only - Component See Addendum Page for Product Designation(s).

Have been investigated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

Standard(s) for Safety:

UL 5085-1, 1st Ed., Issue Date: 2006-04-17, Revision Date: 2018-01-17, UL 5085-2, 2nd Ed., Issue Date: 2021-08-16

Additional Information:

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Certificate Number: UL-US-2016369-1

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enholz, Director North American Certification Program

Report Reference: E518405-20130225 **Date:** 3-Feb-2022

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

Model	Category Description
Toroid, TY Txxxyyy, may be followed by -zz.	UL 5085-1 / -2 and CSA C22.2 No. 66.1 / .2
	construction

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Bruce Mahrenholz, Director North American Certification Program

Certificate Number: UL-CA-2016369-1 Report Reference: E518405-20130225 Date: 3-Feb-2022

Issued to:

TIYAN SRL VIA ORIANI, 3 TRIESTE, TS 234141 Italy

This is to certify that representative samples of

XORU8 - Transformers, Construction Only Certified for Canada - Component

See Addendum Page for Product Designation(s).

Have been investigated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

Standard(s) for Safety:

CSA C22.2 NO. 66.1-06, 1st Ed., Issue Date: 2006-04-17, Revision Date: 2013-12-01, CSA C22.2 NO. 66.2:21, 2nd Ed., Issue Date: 2021-08-16

Additional Information:

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Barnelle

Bruce Mahrenholz, Director North American Certification Program

UL LLC

Certificate Number: UL-CA-2016369-1

Report Reference: E518405-20130225 Date: 3-Feb-2022

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

Model	Category Description
Toroid , TY Txxxyyy, may be followed by -zz.	UL 5085-1 / -2 and CSA C22.2 No. 66.1 / .2 construction

Bamples



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Bruce Mahrenholz, Director North American Certification Program

Certificate Number Report Reference Date

E527254 E527254-20220719 2022-July-22

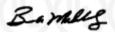
This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

USR, CNR Component - Transformers, Class 2 Inherently Limited, Models:

TY E2010916-00 TY E2010917-00 TY E3011916-00 TY E3011917-00

Standard(s) for Safety:

UL 5085-1Low Voltage Transformers - Part 1: General RequirementsCSA C22.2 No. 66.1Low Voltage Transformers - Part 1: General RequirementsUL 5085-3Low Voltage Transformers - Part 3: Class 2 and Class 3 TransformersCSA C22.2 No. 66.3Low Voltage Transformers - Part 3: Class 2 and Class 3 Transformers





Bruce Mahrenholz, Director North American Certification Program UL LLC