



AC600024
AGENCY CERTIFICATIONS, CTR SCN

REVISION HISTORY

| Rev | Eng. | Date | Description |
|-----|-----------------|------------|---|
| A | | | Initial release |
| B | Angela Huang | 07/04/2011 | Revised per ECO-11-017373 Upgrade TUV-Bauart Standard to EN60950-1 second edition. |

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Elo TouchSystems
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Menlo Park, CA 94025 USA

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Declaration of Conformity

Model Numbers: CTR Series, SCN series

Type of Equipment: Information Technology Equipment

Equipment Class: Commercial & Light Industrial

Product Name: Touch screen and controller families

Date of Declaration: May, 26, 2011

Standards and Directives to which conformity is declared:

Electromagnetic Emissions:

EU directive 2004/108/EC

AS/NZS CISPR 22: 2006, Class B

CISPR 22: 1997+A1: 2000+A2: 2002, Class B

FCC Part 15: 2008, Class B

ICES-003: 2004, Class B

VCCI V-3/2005.04 Class B

EN 55022: 2006, Class B

EN 61000-3-2:2006 – Under 75 W

EN 61000-3-3: 1995+A1:2001/A2:2005 – Standard

Electromagnetic Immunity:

EU directive 2004/108/EC

EN 61000-6-1: 2001

EN 55024: 1998+A1: 2001+A2: 2003 – Level 2, 3 V/m

EN 61000-4-2: 2008 – 4KV contact, 8KV air

EN 61000-4-3: 2006+A1: 2007 – Level 2, 3 V/m

EN 61000-4-4: 2004 – Level 2, 1.0KV at 5KHz

EN 61000-4-5: 2005 – Level 3, 2.0KV at 5KHz

EN 61000-4-6: 2008 – Level 2, 3V at 0.15-80MHz

EN 61000-4-8: 2001 – 1A/m 50Hz

EN 61000-4-11: 2004 – 0/40/70% U_T , dips, variations

ENV 50204: 1995



Safety:

UL 60950-1 Third Edition
CSA C22.2 No. 60950
EU directive 2006/95/EC
EN60950-1:2006+A11

Environmental:

EU directive 2002/95/EC ("RoHS")
EU directive 2002/96/EC (WEEE)
China directive SJ/T11364-2006 ("China RoHS")

I hereby declare that the equipment specified above conforms to the above Directives and Standard(s).

Ranil Fernando

Ranil Fernando
Manager of Systems Engineering, Elo Touchsystems

DESCRIPTION

PRODUCT COVERED:

USR, CNR: Component Touch Screen, Models E274, E284, SCN Series.

Obsolete product Models: SCN-4W SERIES (Retained for Reference only)

ENGINEERING CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE'S USE):

USR/CNR indicates investigation to the U.S. and Canadian Bi-National Standard for Safety of Information Technology Equipment, UL 60950 Third Edition, dated December 01, 2000/CSA-C22.2 No. 60950. The construction only was evaluated to the following standards: Amusement and Gaming Machines, UL 22; Medical and Dental Equipment, UL 544; Vending Machines, UL 751.

Use - For use only in or with the complete equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc.

Special Considerations - The following items are considerations that were used when evaluating this product.

The equipment was submitted by the manufacturer for use in a maximum air ambient of 55°C.

The equipment is considered: For building in, Class III, supplied by SELV.

CONDITIONS OF ACCEPTABILITY:

When installed in the end-use product, considerations shall be given to the following:

1. The device shall be installed in compliance with the enclosure, mounting, spacings, casualty (including markings) and segregation requirements of the end-product standard.
2. A Ball Impact Test shall be considered as part of the end-product investigation.
3. The unit was evaluated for connection to SELV Limited Power Source.
4. No performance testing was performed as part of this evaluation due to the nature of the product.
5. Model ET1566L-7XXXA-X in Vol. 2, Sec. 11, has been evaluated for 4, 4X, and 12 ratings and may so be marked. Note: Model ET1566L-7XXA includes Recognized Component Touchscreen Model SCN-AT as a component of the overall Model ET1566L-7XXA assembly tested. Use of Model SCN-AT touchscreens in other devices may require additional environmental testing and/or evaluation.
6. Model ET1566L-9XXXA-X in Vol. 2, Sec. 11, has been evaluated for indoor use in a Pollution Degree 2 environment. It has additionally been subjected to Hosedown, Atomized Water, Crush Resistance, and Mold Stress Tests in accordance with UL 50. Consideration must be given to the operating environment when this component is installed in the end-use equipment. Note: Model ET1566L-9 includes Recognized Component Touchscreen Model SCN-CT as a component of the overall Model ET1566L-9 assembly tested. Use of Model SCN-CT as a component of the overall Model ET1566L-9 assembly tested. Use of Model SCN-CT touchscreens in other devices may require additional environmental testing and/or evaluation.
7. The Flexible PWB material was min. HB flammability. End Product shall check the to comply with UL 60950-1, clause 4.7 requirement.

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 72110803

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0001

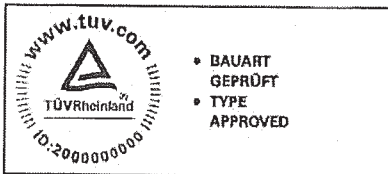
| Ihr Zeichen <i>Client Reference</i> | Unser Zeichen <i>Our Reference</i> | Ausstellungsdatum | <i>Date of Issue</i> (day/mo/yr) |
|-------------------------------------|------------------------------------|-------------------|-------------------------------------|
| Kevin Seitz | -RY- 09572143 025 | 14.03.2011 | |

Genehmigungsinhaber *License Holder*
Elo TouchSystems/Tyco Electronics
301 Constitution Drive
Menlo Park CA 94025-1164
USA

Fertigungsstätte *Manufacturing Plant*
Kami Electronics, Inc.
223-13 Kumanobe Kami-Cho
TAKA-GUN 679-1202
JAPAN

Prüfzeichen *Test Mark*

Geprüft nach *Tested acc. to*
EN 60950-1:2006+A11



Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

Control Unit Touch Screen and Controller Board

Model Designation: 1) E27YY, E271-YYYY-ZZ, E28YY,
E281-YYYY-ZZ, ELO-PWR-OCDCZZZZZZ,
SCN-AT-ZZZZZ, SCN-SC-ZZZZZ,
250-Y-Z, 250-Y-ZZ
2) CTRXX, MTCXX, MRTCXX, SCNXX, MRPXX
(X,Y,Z = 0-9, A-Z; not safety-relevant)

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Rated Voltage: 1) DC 4,5-30V
2) DC 3-30V
Rated Current: 1) 40-300mA
2) 10-300mA

Protection Class: III

Special Remarks: To be installed according to the licensee's installation instructions.



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ANLAGE (Appendix): 1, 1-2

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde und es bestätigt die Konformität des Produktes mit den oben genannten Standards und Prüfgrundlagen. Zusätzliche Anforderungen in Ländern, in denen das Produkt in Verkehr gebracht werden soll, müssen zusätzlich betrachtet werden. Die Herstellung des zertifizierten Produktes wird überwacht.
This certificate is based on our Testing and Certification Regulation and states the conformity of the product with the standards and testing requirements as indicated above. Any additional requirements in countries where the product is going to be marketed have to be considered additionally. The manufacturing of the certified product is subject to surveillance.

Zertifizierungsstelle

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

Martin Hays