

# Certificate of Compliance

**Certificate:** 1395335 (LR 106568)

**Master Contract:** 162938

**Project:** 1395335 (Edition 1)

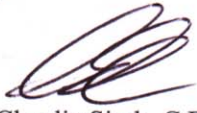
**Date Issued:** May 8, 2003

**Issued to:** Landis & Staefa Produktions GmbH  
Werk Rastatt, Berliner Ring 23  
Rastatt, D-76437  
GERMANY


*The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US'*



**Issued by:**

  
Claudia Sirch, C.E.T.  
Certification Engineer

**Authorized by:**

  
Patricia Pasemko  
Operations Manager

## PRODUCTS

CLASS 2252 03 - PROCESS CONTROL EQUIPMENT

CLASS 2252 83 - PROCESS CONTROL EQUIPMENT - Certified to U.S. Standards

Programmable process controller, Series RWF40, Models RWF40.000A97, RWF40.001A97, RWF40.002A97, RWF40.002B97, RWF40.012B97 permanently connected (panel mount), max. ambient 50°C, rated as following:

- Line input – 110-240Vac, 48-63Hz, 10VA max.
- Relays Outputs (K201-K204) – 250Vac, 3A resistive.
- Analog inputs - Resistance thermometer input (3-wire)
  - Resistance thermometer input (2-wire)
  - Thermocouples
  - Voltage 0/2-10V
  - Current 0/4-20mA
  - Potentiometer

Serial interface – RS485

## Notes:

1. The above model was evaluated for Pollution Degree 2, Installation Category II.
2. Evaluated as component where the suitability of combination is to be determined by CSA International.

The 'C' and 'US' indicators adjacent to the CSA Mark signify that the product has been evaluated to the applicable CSA and ANSI/UL Standards, for use in Canada and the U.S., respectively. This 'US' indicator includes products eligible to bear the 'NRTL' indicator. NRTL, i.e. National Recognized Testing Laboratory, is a designation granted by the U.S. Occupational Safety and Health Administration (OSHA) to laboratories which have been recognised to perform certification to U.S. Standards.

Certificate: 1395335

Project: 1395335



Master Contract: 162938

Date: May 8, 2003

NOMENCLATURE:

RWF40      001      A97  
I              II              III

I – Basic type designation  
RWF40.

II – Equipment Level

000 – Basic version with 3-step output

001 – With additional continuous analog output

002 – With additional continuous analog and RS485 interface

III – Basic type designation  
A97

APPLICABLE REQUIREMENTS

- CAN/CSA C22.2 No. 0-M91 - General Requirements - Canadian Electrical Code, Part II
- CAN/CSA C22.2 No. 0.4-M1982 - Bonding and Grounding of Electrical Equipment (Protective Grounding)
- CAN/CSA C22.2 No. 1010.1-92 - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use, Part 1: General Requirements.
- CAN/CSA-C22.2 No.1010.1B-97 - Amendment 2 to CAN/CSA-C22.2 No. 1010.1-92, "Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use, Part 1: General Requirements"
- T.I.L. No I -29 - Additional Requirements For Process Control Equipment Certified to CSA Standard CAN/CSA C22.2 No 1010.1-92
- ANSI/ISA S82.01-1994 - Safety Standard for Electrical and Electronic Test, Measuring, Controlling, and Related Equipment - General Requirements.

CONDITIONS OF ACCEPTABILITY

1. These devices shall be installed in compliance with the enclosure, mounting, spacing and segregation requirements of the ultimate application.
2. The front display portion of the case of these devices is the only part of the case that has been evaluated as an ultimate enclosure.
3. The screw terminals are considered acceptable for factory connection, but not for field wiring.
4. Class 2 terminal wiring shall be reliably routed away from line voltage wiring.
5. These controls have NOT been investigated for use as flame safety control or limiting devices.



## *Supplement to Certificate of Compliance*

**Certificate:** 1395335 (LR 106568)

**Master Contract:** 162938

*The products listed, including the latest revision described below,  
are eligible to be marked in accordance with the referenced Certificate.*

### **Product Certification History**

---

| <b>Project</b> | <b>Date</b> | <b>Description</b>  |
|----------------|-------------|---|
| 1395335        | May 8, 2003 | Original Certification of Programmable process controller, Series RWF40, Models RWF40.000A97, RWF40.001A97, and RWF40.002A97, RWF40.002B97, RWF40.012B97 permanently connected (panel mount). |