



Certificate of Compliance

Certificate: 2609701

Master Contract: 255629

Project: 2668180

Date Issued: March 13, 2014

Issued to: Kirchgaesser Industrieelektronik Gm

Am Rosenbaum 6

Ratingen, 40882

Germany

Attention: Michael Kuhrig

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.



Jelena Dzeletovic

Issued by: Jelena Dzeletovic

PRODUCTS

CLASS 2258 82 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations -
Certified to US Standards

CLASS 2258 02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

Class II, Div. 1, Groups E, F and G;

The microwave barrier FDR56 receiver/FQR56 emitter and the flow indicator FTR20, rated 85-253 Vac 50/60 Hz 4 VA or 20-60 Vdc 1.5 W, operation temperature -40°C to 70°C, ambient temperature -40°C to +70°C.

Note:

The maximum temperature of the enclosure shall not exceed 70°C due to service temperatures of the process fluid.

APPLICABLE REQUIREMENTS

CSA Standard C22.2 No. 0-10

- General Requirements - Canadian Electrical Code Part II

CSA Standard C22.2 No. 25-1966

- Enclosures for Use in Class II Groups E, F, and G
Hazardous Locations



Certificate: 2609701

Master Contract: 255629

Project: 2668180

Date Issued: March 13, 2014

- CSA Standard C22.2 No. 142-M1987(R2009) - Process Control Equipment Industrial Products
- CAN/CSA-C22.2 No. 94-M91 (R 2011) - Special Purpose Enclosures
- CAN/CSA-C22.2 No. 60529:05 - Degrees of Protection Provided by Enclosures (IP Code)
- CAN/CSA-C22.2 No. 61010-1-12 - Safety Requirements for Electrical Equipment for
Measurement, Control, and Laboratory Use, Part 1:
General Requirements
- UL 1203:2006 (R2009) - Explosion-Proof and Dust-Ignition-Proof Electrical
Equipment for Use in Hazardous (Classified) Locations.
- UL Standard 916 (*Fourth Edition, Dated December 17, 2007*) - Energy Management Equipment
- ANSI/IEC 60529-2004 (*Edition 2.1 2001-02 with Corrigendum 3, October 2009*) - Degrees of Protection
Provided By Enclosures (IP Code)
- UL Std. No. 61010-1 (3rd Edition) - Safety Requirements for Electrical Equipment for
Measurement, Control, and Laboratory Use - Part 1:
General Requirements



Supplement to Certificate of Compliance

Certificate: 2609701

Master Contract: 255629

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

Product Certification History

Project	Date	Description
2668180	Mar 13, 2014	Update to include cCSAus certification of models FDR56 receiver/FQR56 emitter and flow indicator FTR20 to CSA61010-1-12.
2609701	Aug 7, 2013	Evaluation for Certification of FDR56 and FQR56 microwave barrier and FTR20 flow indicator as Class II Div. 1.



Certificate of Compliance

Certificate: 2668182

Master Contract: 255629

Project: 2668182

Date Issued: March 10, 2014

Issued to: Kirchgaesser Industrieelektronik Gm

Am Rosenbaum 6
Ratingen, 40882
Germany
Attention: Michael Kuhrig

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.



Sam Zaffino

Issued by: Sam Zaffino

PRODUCTS

CLASS 2252 86 - PROCESS CONTROL EQUIPMENT - Certified to US Standards

CLASS 2252 06 - PROCESS CONTROL EQUIPMENT

The controller FDR56-xxxx receiver/FQR56-xxxx emitter and the flow indicator FTR20-xxxx, rated 85-253 Vac 50-60 Hz, 4 VA or 20-60 Vdc/ 20-30Vac, 50-60Hz, 1.5 W, relay contacts rated 250Vac 6A, 125Vdc 0.4A or 30Vdc 5A, rated ambient -40°C to +70°C, installation Category II.

Note: Model numbers are followed by suffix letters and numbers depicting model specifications.

APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No. 61010-1-12 - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use, Part 1: General Requirements

UL Std. No. 61010-1 (3rd Edition) - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements



Supplement to Certificate of Compliance

Certificate: 2668182

Master Contract: 255629

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

Product Certification History

Project	Date	Description
2668182	Mar 10, 2014	cCSAus certification of models FDR56 receiver/FQR56 emitter and flow indicator FTR20 to CSA 61010-1-12