



# Certificate of Compliance

**Certificate:** 2222776 **Master Contract:** 189456  
**Project:** 80216995 **Date Issued:** 2024-07-02  
**Issued to:** SIT SPA  
Viale dell' Industria, 31-33  
Padova, Padova 35129  
Italy

**Attention:** Francesco Andreazza

*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.*



**Issued by:** Grace Gao  
Grace Gao

## PRODUCTS

Class 2632 03 FUEL BURNING EQUIPMENT (GAS) - Gas Burners, Electrical Equipment for Accessories  
Class 2632 83 FUEL BURNING EQUIPMENT(GAS)-Gas Burners Electrical - Equipment for Accessories-Certified to U.S. Standards

### Model(s)

Models 0580601 BIC938, 0580605 BIC938S, 0580614 BIC938SB, 0580615 BIC938H, 0580640 BIC938J, 0580618 BIC938FT, 0580623 BIC938D and 0580633 BIC938NF, 0580630, 0580639, BIC938M, 0580641 BIC 938EL, Burner Control rated: input 120Vac, 60Hz, 0.41A, 50.3VA (INC), ambient temperature 0C to +60C (for 0580641 BIC 938EL ambient temperature 0C to +65C).

### Output loads:

Gas valve (K1, K2, K3): 24Vac, 60Hz, 10-44VA  
Blower Motor: 120Vac, 60Hz, 335W  
HW, CH, System Pump1 Relay (K5, K7, K9) contacts rated 120Vac, 60Hz, 1.76A max. (Inductive)

0580641 BIC 938EL Output loads:



**Certificate:** 2222776

**Master Contract:** 189456

**Project:** 80216995

**Date Issued:** 2024-07-02

Limiting control (K1, K2, K3): 24Vdc, 20 mA  
Regulating control (K4): 120Vac, 60Hz, 15 mA  
Low Water Cutoff enable (K10): 24 Vdc, 50 mA  
HW recirculation (K11): 24Vdc, 50 mA  
HW, CH, System Pump1 Relay (K5, K7, K9) contacts rated 120Vac, 60Hz, 1.76A max. (Inductive)

Provided with Class 2 software version identified as follow: 4555172 for 0580601 of BIC938, 4555248 for 0580605 of BIC938S and 0580614 of BIC938SB, V4555272 for 0580615 of BIC938H, 4555581 for BIC938J, 4555286 for 0580618 BIC938FT, 4555392 for 0580623 BIC938D, 4555547 for 0580633 BIC938NF, 4555575 for BIC938M, 4555692 for 0580641 BIC 938EL

Note:

1. The subject controls are certified as components for use only inside other Certified equipment with suitable flame rated enclosure and transformer where the suitability of the combination is to be determined by a certification body i.e., CSA-Group.
2. The above, referenced models are provided with software Versions as confirmed in Appendix B software Report, Control Class C (UL1998 Class 2)
3. The 120Vac to 24Vac transformer providing the power to the dry contacts is not part of this evaluation.
4. The subject controls are also evaluated as temperature limiting controller for outlet and flue temperature controllers with certified redundant temperature sensors those two temperature sensors are out of scope of this certification.

**APPLICABLE REQUIREMENTS**

CAN/CSA E60730-1:15 +AMD1 - Automatic electrical controls Part 1: General requirements

CAN/CSA-E60730-2-9:18 (Fourth Edition) - Automatic electrical controls — Part 2-9: Particular requirements for temperature sensing controls - Fourth Edition

CSA C22.2 No. 24-21(Tenth edition) - Temperature-indicating and -regulating equipment - Tenth Edition

UL 60730-1:2016 - Fifth Edition - UL Standard for Safety Automatic Electrical Controls – Part 1: General Requirements - Including revisions through October 18, 2021

UL 60730-2-9 (Fourth Edition) - UL Standard for Safety Automatic Electrical Controls – Part 2-9: Particular Requirements for Temperature Sensing Controls

UL 353 (Fifth Edition; Reprint with Revisions Through and Including November 08, 2011) - Limit Controls

ANSI Z21.20-2014 / CAN/CSA-C22.2 No. 60730-2-5-14 - Automatic electrical controls for household and similar use — Part 2-5: Particular requirements for automatic electrical burner control systems



**Certificate:** 2222776

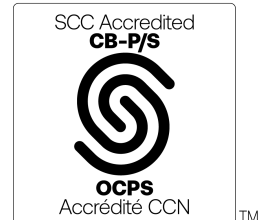
**Project:** 80216995

**Master Contract:** 189456

**Date Issued:** 2024-07-02

**Notes:**

Products certified under Class(es) C263203 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). [www.scc.ca](http://www.scc.ca)



Products certified under Class(es) C263283 have been certified under CSA's ISO/IEC 17065 accreditation with the American National Standards Institute (ANSI). [www.ansi.org](http://www.ansi.org)

