



# Certificate of Compliance

**Certificate:** 2222776

**Master Contract:** 189456

**Project:** 80145333

**Date Issued:** 2022-10-26

**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 - C263202 - FUEL BURNING EQUIPMENT(GAS) Gas Burners, Electrical Equipment for Accessories

CLASS - C263282 - FUEL BURNING EQUIPMENT(GAS)-Gas Burners Electrical Equipment for Accessories-Certified to U.S. Standard

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

### **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)



**Certificate:** 2222776  
**Project:** 80145333

**Master Contract:** 189456  
**Date Issued:** 2022-10-26

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

Safety function	Timings (secs)
Max flame failure response time	3 sec
Pre-purge time	Configurable – range 0-1800s, 1step = 0.1s
Max trial for ignition period	configurable in the range 0 –255
Max lock-out time	Configurable – range 0-1800s, 1step = 0.1s

Note:

1. The subject controls are certified as component for use only inside other CSA Certified equipment with suitable flame rated enclosure where the suitability of the combination is to be determined by CSA International.
2. The 120Vac to 24Vac transformer providing the power to the dry contacts is not part of this evaluation.
3. 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**

CSA Standards

CSA C22.2 No. 0:20 - General requirements — Canadian Electrical Code, Part II

CSA C22.2 No. 0.8-19 - Safety functions incorporating electronic technology

C22.2 No.199-2007 - Automatic Electrical Controls for Household and Similar Use Part 2: Particular Requirements for Automatic Burner Ignition Systems and Components - Third Edition

CSA C22.2 No. 24-2015 - Temperature-Indicating and -Regulating Equipment

UL Standards

UL372:2007 - Automatic Electrical Controls for Household and Similar Use – Part 2: Particular Requirements for Burner Ignition Systems and Components - Sixth Edition

ANSI Z21.20 -2007– Automatic Electrical Controls for Household and Similar Use Part 2: Particular Requirements for Automatic Burner Ignition Systems and Components - Fifteenth Edition

UL 873:2007 - Temperature-Indicating and -Regulating Equipment - Twelfth Edition

UL 353:1994 - Limit Controls - Fifth Edition

UL 1998 Edition 3 - Software in Programmable Components



**Certificate:** 2222776  
**Project:** 80145333

**Master Contract:** 189456  
**Date Issued:** 2022-10-26

---

**Notes:**

---

Products certified under Class C263202, C263282 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). [www.scc.ca](http://www.scc.ca)

