

PF2200 INSTALLATION GUIDE

This Installation Guide applies to PF2200-SB-A, PF2200-SB-B, PF2200-FD-A, PF2200-FD-B, PF2200-DB-A and PF2200-DB-B model numbers.



WARNING – EXPLOSION HAZARD. DO NOT DISCONNECT WHILE THE CIRCUIT IS LIVE OR UNLESS THE AREA IS FREE OF IGNITIBLE CONCENTRATIONS.

WARNING – EXPLOSION HAZARD. DO NOT REMOVE OR REPLACE FUSES UNLESS POWER HAS BEEN DISCONNECTED OR THE AREA IS FREE OF IGNITIBLE CONCENTRATIONS.



AVERTISSEMENT – RISQUE D'EXPLOSION. NE PAS DÉBRANCHER PENDANT QUE LE CIRCUIT EST SOUS TENSION OU À MOINS QUE L'EMPLACEMENT NE SOIT EXEMPT DE CONCENTRATIONS INFLAMMABLES.

AVERTISSEMENT – RISQUE D'EXPLOSION. NE PAS RETIRER NI REMPLACER LES FUSIBLES NI À MOINS QUE L'ALIMENTATION N'AIT ÉTÉ COUPÉE OU QUE L'EMPLACEMENT NE SOIT EXEMPT DE CONCENTRATIONS INFLAMMABLES.

The PF2200 is approved for use in hazardous locations as follows:



Class I Div 2 Group A, B, C & D, T4A (Class I, Zone 2, Group IIC, T4 – US Only)

UL 121201 • CSA-C22.2 No. 213

Ambient Temperature Range: -40°C to +55°C

Input Voltage: 12/24VDC, 10A max – Power input must be supplied by a Class 2 power source.



Refer to the Approvals and Ratings section of the appropriate Product Manual for timing parameters and electrical contact ratings:

- PF2200-SB: The applicable version of PF2200-SB Product Manual_DOC-001043
- PF2200-FD: The applicable version of PF2200-FD Product Manual_DOC-001097
- PF2200-DB: The applicable version of PF2200-DB Product Manual_DOC-001114



SB



FD



DB

All PF2200 systems must be installed in compliance with local safety codes.

All installers and commissioners of the PF2200 system must:

- Understand local codes and how they apply to the installation (for both electrical and mechanical aspects of the installation).
- Understand the electrical and mechanical limitations of the product and how that relates to the installation.
- Understand the safety and operational effects of modifying system settings or wiring.
- Verify all required safety functions prior to completing the commissioning of the appliance.
- Be fluent in the English language (the only language this product supports).
- Be familiar with navigating the product menus and modifying settings.

The enclosure should be mounted:

- Upright in such a way that the screen is clearly visible and the keypad is easy to access. Recommended mounting height is 1.5m (5ft) above ground.
- Near to the appliance being controlled in order to minimize cable run lengths to the valve train (solenoids), burner assembly (ignition coil and flame rod) and temperature elements.
- In such a way as to avoid direct sunlight exposure on the screen. Extended UV exposure may compromise viewability.
- Such that the enclosure door can be fully opened during maintenance and commissioning.