

# Submittal: HBX EXP-0100 & EXP-0300

## Project:[

]

## **HBX** Controls Inc Specification

## Part 1: EXP-0100/EXP-0300 Products

1. The Expansion Module Unit must be capable of directly interfacing (no cross-wiring) as an expansion module with HBX CPU-1000, HBX SNO-1000 and HBX ECO-1000 controls.

2. The Expansion Module Unit must be capable of adding the following Input/Output Functions to the HBX 1000 series control that it is connected to:

- a. 2 x relay outputs (EXP-0100 dry contacts, EXP-0300 power contacts)
- b. 1 x Powered Contact Demand Input
- c. 1 x Thermistor Input

6. The Expansion Module Unit must be daisy chainable, with no cross-wiring required. Up to 6 EXP modules can be combined with an HBX CPU-1000 or ECO-1000 control. Up to 5 EXP modules can be combined with an HBX SNO-1000 control.

7. The Expansion Module Unit must provide an interface for setpoint sensor feedback for auxiliary setpoints to be controlled by main Control.

8. The Expansion Module Unit must be ETL approved.

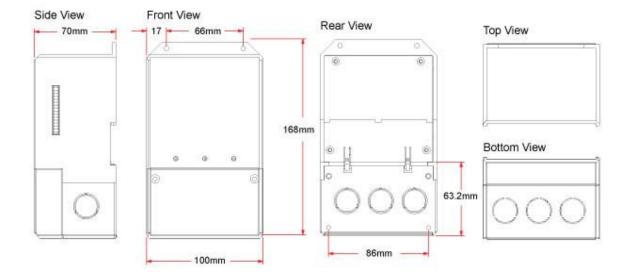
## **Part 2: Acceptable Products**

1. HBX EXP-0100/EXP-0300 Expansion Module Unit





## **Part 3: Physical Dimensions**



## Part 4: Technical Data, Main Parts & Labels

#### **Inputs/Outputs:**

- 1 x Thermistor Input (10 K Ohm)
- 2 x Power Contact Output (10A @120VAC) EXP-0300
- 2 x Dry Contact Output (10A @ 120VAC) EXP-0100
- 1 x Demand Signal Input (20-240VAC)

## **Power supply:**

EXP-0300:

120 VAC, 10A

## EXP-0100:

N/A

#### **Supplied Parts:**

32-Pin Connector 033-0037





#### **Dimensions:**

3.94" x 6.61" x 2.76" (100mm x 168mm x 70mm)

#### **ETL Listings:**

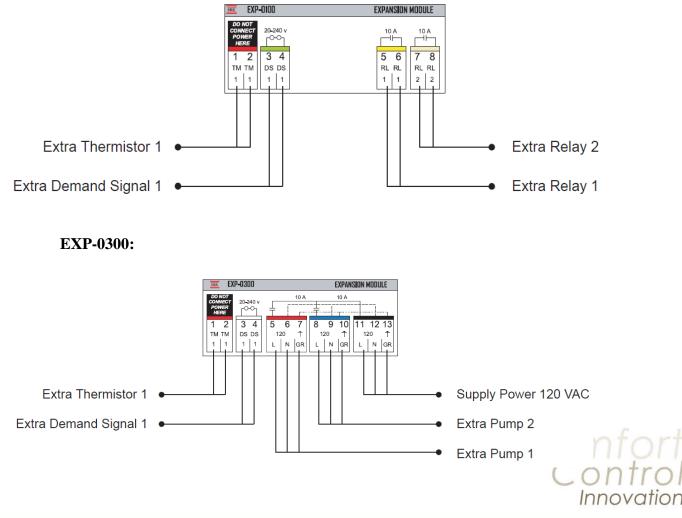
Meets CSA C22.2 No. 24 Meets UL Standard 873 ETL Control No. 3068143

#### Storage:

50°F to 104°F (10°C to 40°C)

#### **Terminal Block Labels:**

#### EXP-0100:





# Part 5: Connecting the EXP-0100/0300 Module:

