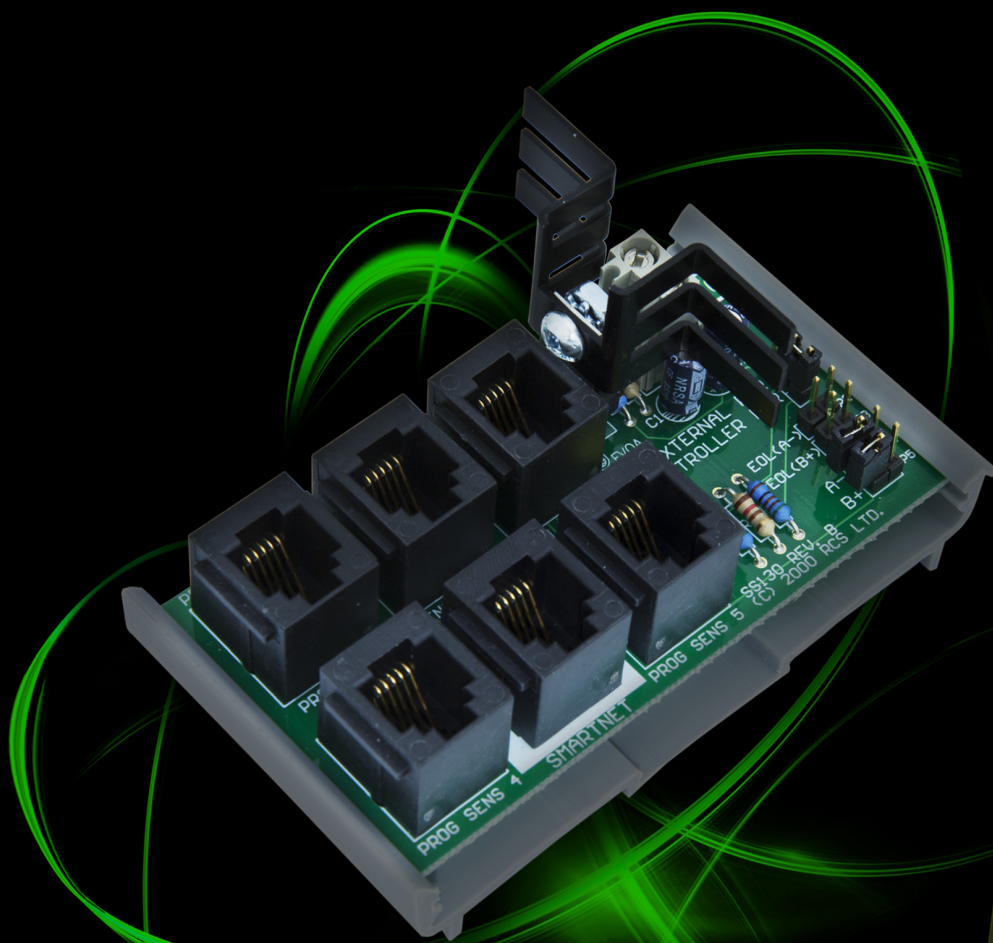# SMART-Sensor eXpansion

The Reliable Controls SSX SMART-Net™
expansion board is used to maximize
the number of SMART-Sensors and
the combined SMART-Net cable length
connected to a host controller.

Better by design

SMART-Net™ Expansion Board

Tech Specs

Power
- Power derived from controller, or
- Optional external power 7.5 VDC to 12 VDC @400mA

End-of-line termination
- Jumper configurable

EIA-485 Network Access
- Jumper configurable

Ports
- 5 RJ11 ports for connections to SMART-Sensors
- 1 SMART-Net port for connection to host controller

Ambient Limits
- Operating: -18° C to 49° C (0° F to 120° F)
- Shipping: -20° C to 60° C (-4° F to 140° F)
- Humidity: 10% to 90% RH non-condensing

Features

Features
- 5 RJ11 ports allow SMART-Net to be extended for up to 5 SMART-Net runs in a star configuration connecting up to 16 SMART-Sensors
- Multiple SSX Expansion Boards may be connected for maximum SMART-Net total length
- Optional external power supply (Order # PS-WDC) boosts the power for heavily loaded SMART-Nets which contain SMART-Sensors with the Backlight or CO_2 options

Dimensions
- Including snap track: 8.7 cm L x 5.1 cm W x 4.1 cm H (3 $^3/_8$" L x 2" W x 1 $^5/_8$" H)
- Circuit board only: 8.3 cm L x 4.4 cm W (3 $^1/_4$" L x 1 $^3/_4$" W)
- Snap track included: 8.7 cm (3 $^1/_2$")

Weight
- 55 g (0.121 lb.)

Cabling
- Refer to SMART-Sensor™ User Guide

Ordering

SSX
- SMART-Net™ expansion board with 5 RJ11 ports and external plug-in power supply

ACCESSORIES

PS-VDC
- 24 VAC input variable DC Power Supply 0-32 VDC for SSX or SST with CO_2 or OC

PS-WDC
- Wall Mount DC Power Supply 9 VDC, 500mA for SSX or SST with CO_2 or OC

SS-DC-B
- SMART-Sensor data cable Base

SS-DC-C x
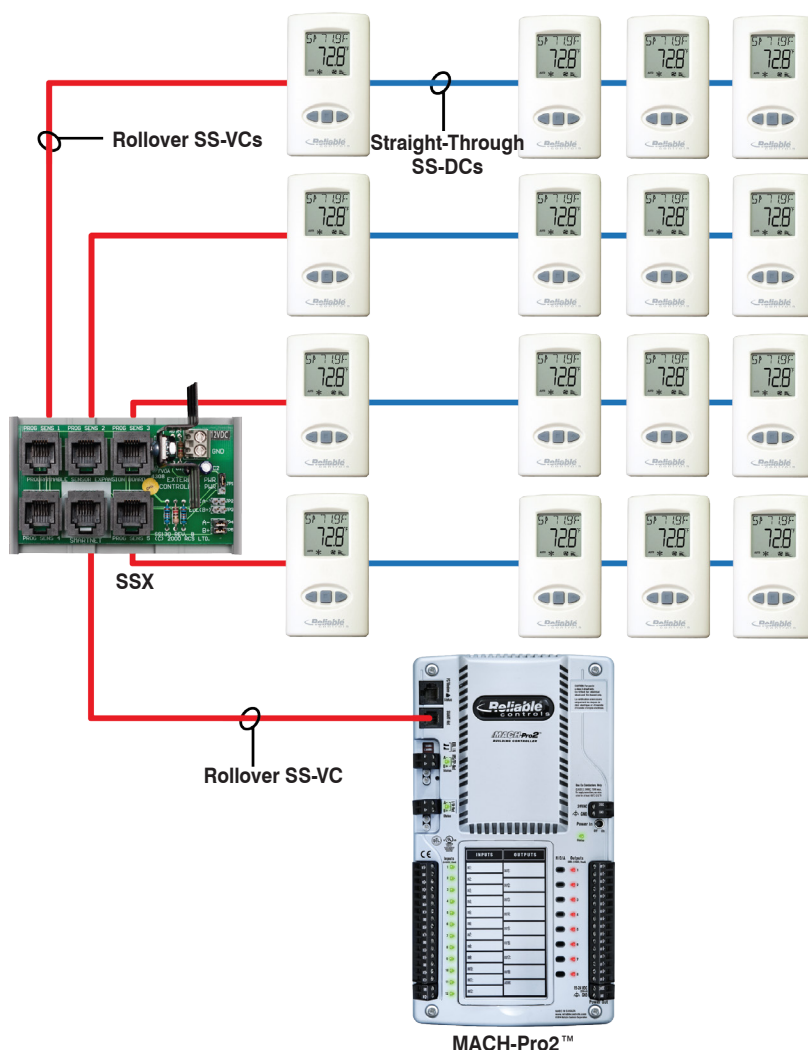- SMART-Sensor data cable (x = length in feet)

SS-VC-B
- SMART-Sensor voice cable Base

SS-VC-C x
- SMART-Sensor voice cable (x = length in feet)

APPLICATION DIAGRAM

Rollover SS-VCs

Straight-Through SS-DCs

SSX

Rollover SS-VC

MACH-Pro2™

Dealer Information:

Designed and Manufactured in Canada