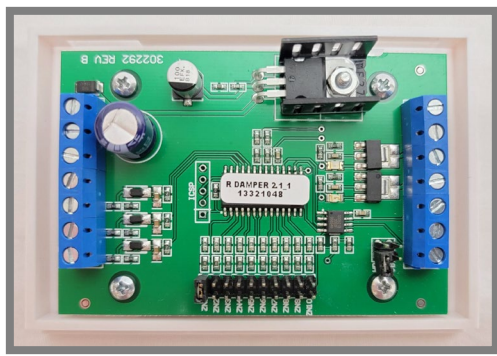


COMMUNICATING DAMPER BOARD

SUBMITTAL



COMMUNICATING DAMPER BOARD (Part #TRXBRD)

DESCRIPTION

The **Communicating Damper Board (TRXBRD)** is a damper control board that is installed on power open / spring closed dampers or power open / power closed dampers and communicates with GEN II-R control system.

The TRXBRD is applied to Zonex Systems round and rectangular dampers. Additionally, the TRXBRD may be applied to non Zonex Systems dampers when paired with the Zonex Systems 101AHDM actuator in a Retro-Zone application.

The TRXBRD is mounted in a removable base which allows TRXBRD to be easily slipped off the damper to wire power and communications from zone controller and daisy chain to all dampers in communications loop.

TRXBRD communicates with GEN II-R control system, communicating calls for heating and cooling to the zone controller via RS485 communications loop.

TRXBRD powers supply dampers to control zone comfort based on system mode and thermostatic demand.

TECHNICAL DATA

Electrical:

Electrical

Input voltage: 24VAC

Power consumption: 2VA maximum

Output:

- RO/RC Triacs – 24VAC @ .3-amp max

Environmental:

Operating Temperature: 30° to 140° F (-1° to 60° C)

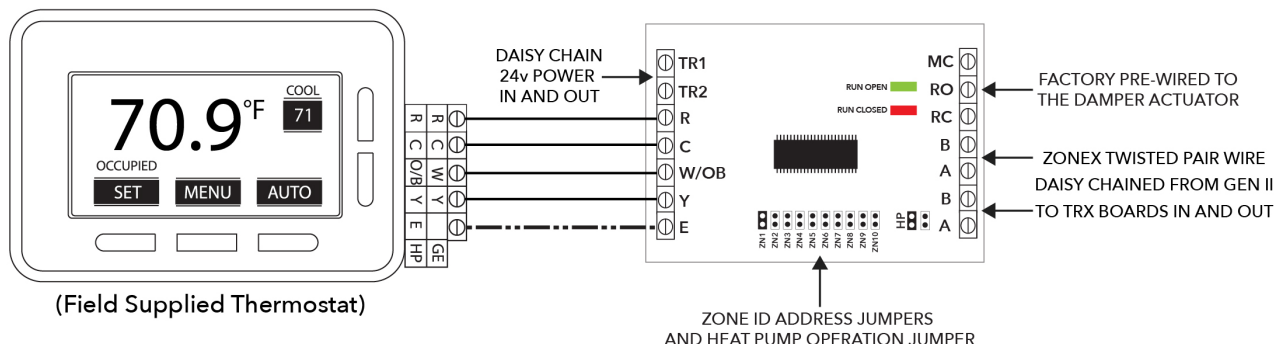
Operating Humidity: 5 to 95% non-condensing

Storage Temperature: 0° to 150° (-18° to 66° C)

Communication: RS485 using Zonex twisted pair wire

Notes: Compatible only with GEN II-R systems. Requires field supplied thermostats and is compatible with most manufacturers.

TERMINAL FUNCTIONS



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