

EVX-ZA

Class "A" Converter

The EVX-ZA converts 4 Class "B" 2-wire circuits to 4 Class "A" 4 wire circuits. 24VDC power is supplied at TB-7. Speaker or strobe power is applied at TB1 and TB2, and connections for field wiring are provided at TB3, TB4, TB5, and TB6. All wiring is power-limited. Mounts to snaptrack or 5/8" nylon standoffs.

Compatible with 25VRMS or 70VRMS speaker lines. Maximum speaker output 50 watts per circuit. Maximum strobe output 1 amp per circuit.

Fig.1
Board

TB1:

Ter. 1 Class "B" Speaker Input Zone 1, +

Ter. 2 Class "B" Speaker Input Zone 1, -

Ter. 3 Class "B" Speaker Input Zone 2, +

Ter. 4 Class "B" Speaker Input Zone 2, -

TB2:

Ter. 1 Class "B" Speaker Input Zone 3, +

Ter. 2 Class "B" Speaker Input Zone 3, -

Ter. 3 Class "B" Speaker Input Zone 4, +

Ter. 4 Class "B" Speaker Input Zone 4, -

TB7:

Ter. 1 +24VDC in, +

Ter. 2 +24 VDC in, -

TB8:

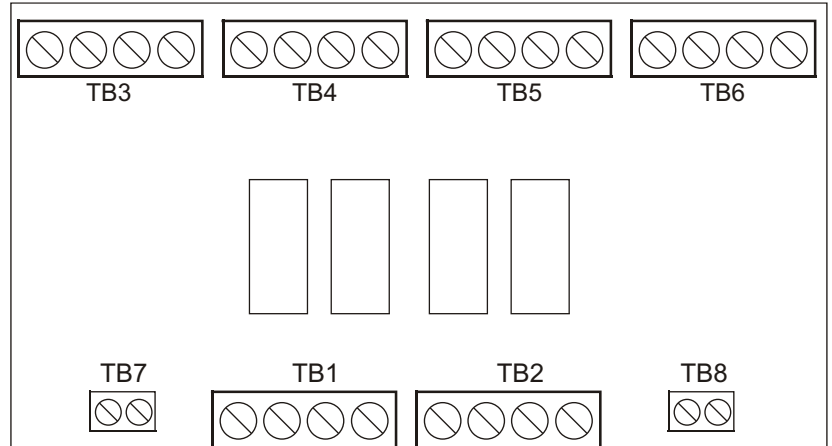
Ter. 1 +24VDC in, +

Ter. 2 +24 VDC in, -

SPECIFICATIONS:

Power: +24VDC in

Current Draw: 38mA Standby
48mA Active



TB3:

Ter. 1 Class "A" Speaker Output Zone 1, +

Ter. 2 Class "A" Speaker Output Zone 1, -

Ter. 3 Class "A" Speaker Output Zone 1, + Return

Ter. 4 Class "A" Speaker Output Zone 1, - Return

TB4:

Ter. 1 Class "A" Speaker Output Zone 2, +

Ter. 2 Class "A" Speaker Output Zone 2, -

Ter. 3 Class "A" Speaker Output Zone 2, + Return

Ter. 4 Class "A" Speaker Output Zone 2, - Return

TB5:

Ter. 1 Class "A" Speaker Output Zone 3, +

Ter. 2 Class "A" Speaker Output Zone 3, -

Ter. 3 Class "A" Speaker Output Zone 3, + Return

Ter. 4 Class "A" Speaker Output Zone 3, - Return

TB6:

Ter. 1 Class "A" Speaker Output Zone 4, +

Ter. 2 Class "A" Speaker Output Zone 4, -

Ter. 3 Class "A" Speaker Output Zone 4, + Return

Ter. 4 Class "A" Speaker Output Zone 4, - Return

Fig.2
Typical connection detail

