

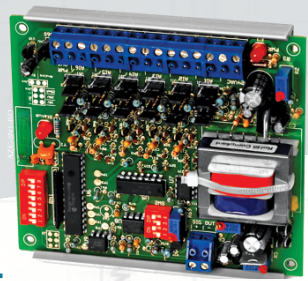


HVAC Manufacturer's Representative



AZC-6R-XXX

6 Analog/Digital Inputs to 1 Analog Output



The **AZC-6R** are a microprocessor controlled interface designed to provide maximum flexibility with a minimum of cost.

With a variety of standard inputs, the AZC-6R provides the user with the ability to interface several devices to a single analog output. The AZC-6R can average two to six inputs, output the highest of two to six inputs, output the lowest of two to six inputs, output the sum of 2 inputs, or output the difference of two inputs. The AZC-6R also accepts up to 6 digital inputs (binary sequence) and outputs a proportional analog signal.

PRODUCT OVERVIEW:

Analog Input, Analog Output, Six Analog Average, HI/LO, Summing, Difference, Average, Binary

APPLICATION:

- Coldest Zone Hot Deck Reset
- Signal Selector
- 3 Stage SCR

PRODUCT SPECIFICATIONS

Supply Voltage:	24 VAC (+/- 10%), 50/60 Hz
Supply Current:	255 mA maximum (6.12VA with a 24 volt power supply)
Power Output:	24 VDC or 15 VDC (Jumper Selectable)
Power Output (Supply Current):	100 mA maximum
Input Voltage Signal Range/Input Impedance (6N1-ISO):	0 to 5 VDC @ 1M Ω , 0 to 10 VDC @ 20,000 Ω , 0 to 20 VDC @ 10,000 Ω
Input Current Signal Range/Input Impedance (6N1-ISO):	0-20 mA @ 249 Ω
Input Mode (Digital/Binary) (6N1-ISO & 6N1-ISO-STG):	15 VDC, 24 VDC or 24 VAC +/-10% @ 100,000 Ω
One Analog Signal Output (@ Impedance):	0-5 VDC @ 1000 Ω 0-10 VDC @ 1000 Ω 0-20 VDC @ 1000 Ω 0-20 mA @ 500 Ω maximum
Output Signal Accuracy (24 VAC, 50 Hz):	+/- 2% of full scale
Resolution:	64 steps of resolution
Product Functions(6N1-ISO):	Average, Highest, Lowest, Sum, Difference
Product Functions (6N1-ISO-STG):	Stage Control
Connections:	90° Pluggable Screw Terminal Blocks
Wire Size:	16 (1.31 mm ²) to 26 AWG (0.129 mm ²)
Terminal Block Torque Rating:	0.5 Nm (Minimum); 0.6 Nm (Maximum)
Operating Temperature Range:	35 to 120°F (1.7 to 48.9°C)
Operating RH Range:	10 to 90% non-condensing
Storage Temperature Range:	-20 to 150°F (-28.9 to 65.5°C)
Snaptrack Material:	Polyvinyl Chloride (PVC)
Snaptrack Flammability Rating:	UL94 V-0
Product Dimensions:	(L) 4.00" (W) 4.60" (H) 1.00" (101.6 x 116.84 x 25.4 mm)