SPC-704

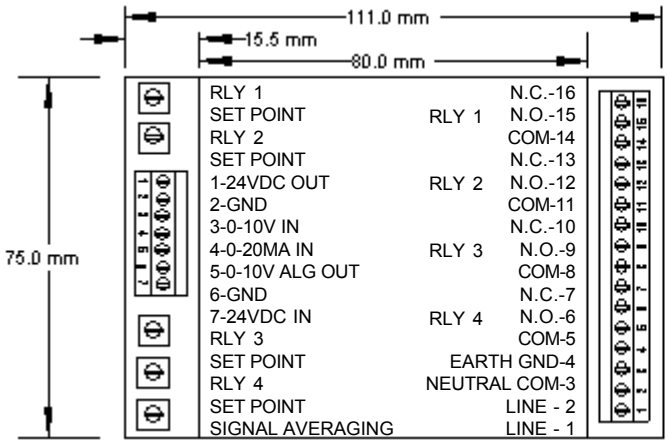
Features

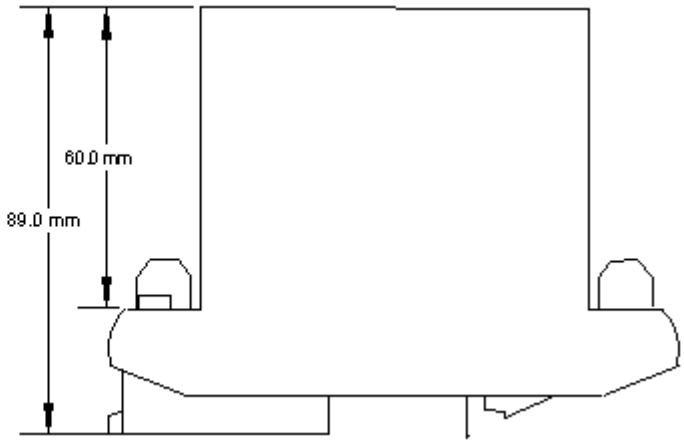
- Analog Input
- Four Adjustable Outputs
- Din Rail Mount
- Form C Relay Outputs
- Analog Output
- Sensor Excitation power
- AC/DC Power In
- Removable Terminal Blocks



The SPC-704 is an adjustable controller with 4 setpoints. The 4 setpoints are independently adjusted, each having a Form C relay output. This controller can be used with any sensor or device that produces 0-20mA, 4-20mA, 0-10V, or 2-10V analog. output. The SPC-704 will work with all Migatron analog output sensors. Besides the 4 relay outputs, there is one 0-10V analog output. This can be used to drive a meter or other analog drive controls. This analog output can also feed a second SPC-704 to produce additional outputs. The SPC-704 also provides 24 VDC excitation power at 150 mA to drive input sensors. The SPC-704 has a signal averaging potentiometer that helps alleviate false trips during sudden signal changes.

Mechanically, the SPC-704 is made out of sturdy (UL 94) approved materials. The controller is DIN rail mountable. The terminal blocks are removable for easy wiring. There are easy to view bright LEDs that show the relay status. The SPC-704 comes in two versions, 115 VAC or 230 VAC*. If AC power is not available both versions can also be powered by 24 VDC. The relay outputs can handle up to 3 amps.





Specifications

1. Power Input: 115 or 230 VAC 50/60 Hz @ 9VA / 24VDC @ 225mA
2. Excitation Power: 24VDC @ 150mA
3. Analog Input: 0-20 mA, 4-20 mA, 0-10 V, 2-10 V
4. Signal Input Resistance: (Voltage Input 100K Ohms) (Current Input 250 Ohms)
5. Set Point RAnge: (0-10 VDC) (0-20mA)
6. Set Point Hysteresis 1%
7. Signal Averaging (Voltage Input 0-1s per volt) (Current Input 0-.5s per mA
8. Analog Output: 0-10VDC with load resistance 1K to infinity
9. Relay Contacts: (Resistive Load, 1A@125VAC)
10. Relay Contacts: (Inductive Load, 1A@125VAC)
11. Relay Switching Min: (Current 10MA) Max (Voltage 30VDC/277VAC)
12. Operating Temperature Range: -20 to 55 C or -4 to 131 F
13. Humidity: 0 to 95% Non-Conducting
14. Enclosure: Thermoplastic (UL 94 V2 and V4 material)

Terminals

Potentiometer Side

1. 24 VDC out
2. GND (sensor ground)
3. 0-10 Volts In
4. 0-20 mA In
5. 0-10 analog out
6. GND
7. 24 VDC Power In

Relay Output Side

*2. Line VAC 115 or 230 VAC Power In Line
PLEASE SPECIFY VOLTAGE WHEN ORDERING
3. Neutral
4. Earth Ground
5 Through 16 are relay connections

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