

3421

8-Channel Alarm Monitor



- Microprocessor-Based
- Eight Inputs—Thermocouple, RTD, Current or Voltage
- Eight Alarm Relay Outputs
- Sixteen Alarm Setpoints
- Field Programmable Alarm and Monitor Functions
- Compact 1/2 DIN Package

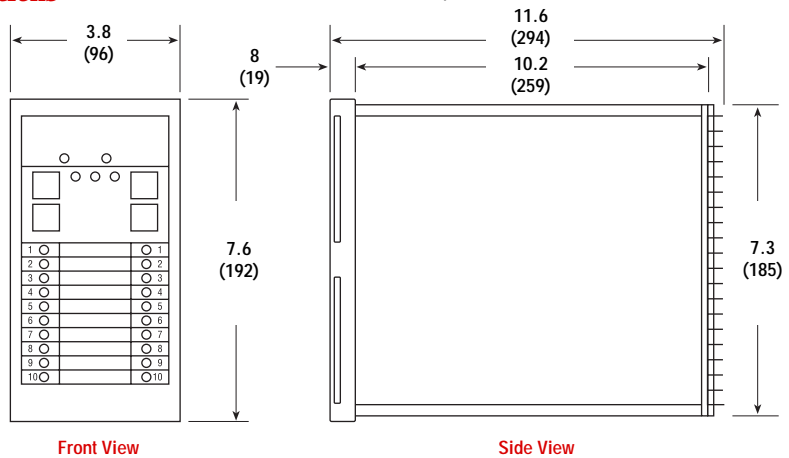
Description

The 3421 Monitor accepts up to 8 input signals from a variety of sensors and provides individual, programmable alarm actions for each of the 8 channels. The sensor inputs may

be mixed in pairs for up to four different input types to monitor variables such as:

- Temperature
- Level
- Pressure
- Speed
- Flow
- Vibration
- Viscosity

Dimensions



In Stock:

Model	PCN
3421-11110	315192
3421-44440	315205

Ordering Information

Complete the Model Number using the Matrix provided.

All Dimensions in Inches (mm)

Model	Process Alarm Monitor							
3421	Choose any one of the nine input types for each pair of input channels. All may be the same, all four may be different, or a 2, 4 or 6 channel instrument can be specified by choosing the applicable "none" options.							
	Code Chs 1 & 2	Code Chs 3 & 4	Code Chs 5 & 6	Code Chs 7 & 8	Input Type	Range		
	N/A	0	0	0	None			
	1	1	1	1	100 Ohm Platinum, RTD, 3 wire 0.00385 alpha	-100 to +1000°F		
	2	2	2	2	120 Ohm Nickel RTD, 3 wire R vs T Edison Curve 7	100-600°F		
	3	3	3	3	10 Ohm Copper, RTD, 3 wire, 0.0043 alpha	0-400°F		
	4	4	4	4	Iron/Constantan (J) TC	0-1000°F		
	5	5	5	5	Chromel/Alumel (K) TC	0-2500°F		
	6	6	6	6	Chromel/Constantan (E) TC*	0-1350°F		
	7	7	7	7	4-20 mA	0-100%		
	8	8	8	8	1-5 Vdc	0-100%		
	T	T	T	T	Copper/Constantan (T) TC*	-350 to +250°F		
					Code	Not Used		
					0	Add to complete model number		
3421	-	1	3	4	7	0	Typical Model Number	

* T and E thermocouple inputs can not be mixed.