

**FM-CNTUD-AC2RTBC** - Digital Counter, Scaleable directional up/down counts, Face Mount, AC Powered, Dual Form-C Relay Outputs, terminal block connections.

## FM-CNTUD-AC2RTBC, DIGITAL COUNTER, DIRECTION SENSITIVE, PANEL MOUNT, TERMINAL BLOCK CONNECTIONS, 2 RELAYS, AC POWER

**EXPOSED MATERIAL:**  
NEMA 4X SEALED FRONT BEZEL

**PROGRAMMING:**  
SHIPPED PROGRAMMED TO YOUR NEEDS

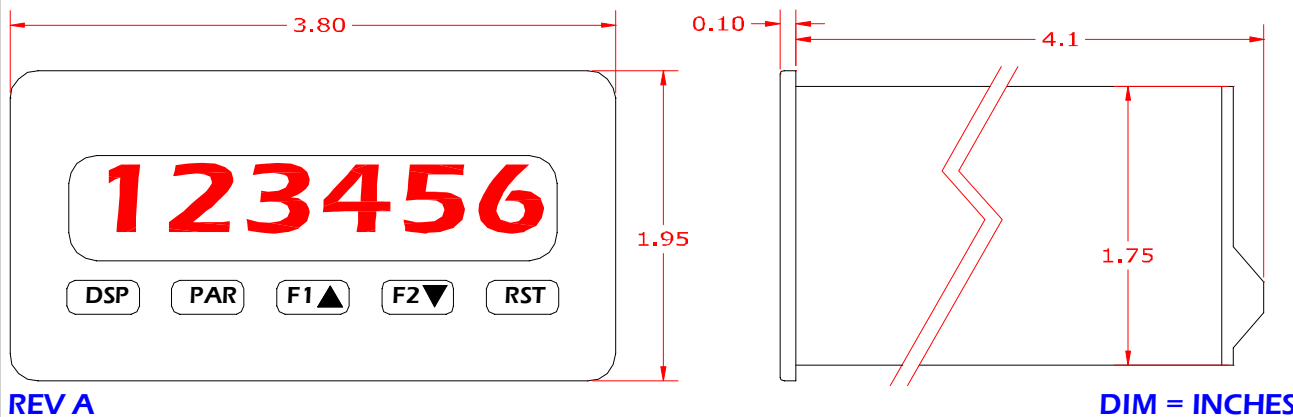
**CONNECTIONS**  
WIRE CLAMPING SCREW TERMINALS (30-14AWG)

**DISPLAY:**  
6 DIGIT, 0.56" LED

**OTHER OPTIONS AVAILABLE**  
\*CONTACT US FOR QUOTE

- DC POWERED VERSION
- SCALED OUTPUTS
- RATE DETECTION
- MOUNTED IN WEATHERPROOF ENCLOSURE WITH SEALED CONNECTIONS

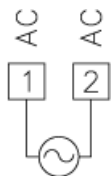
RECOMMENDED MINIMUM CLEARANCE (BEHIND PANEL) IS 2.1" H x 5.00" W  
RECOMMENDED MINIMUM PANEL CUTOUT DIMENSIONS: 1.77" H x 3.62" W



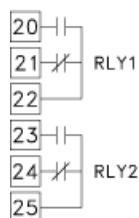
### POWER WIRING

**AC Power**

Terminal 1: VAC  
Terminal 2: VAC



### RELAY WIRING



CAUTION: Power common (PWR COMMON) is NOT isolated from input common (INP COMM). In order to preserve the safety of the meter application, the power common must be suitably isolated from hazardous live earth referenced voltage; or input common must be at protective earth ground potential. If not, hazardous voltage may be present at the Signal or User Inputs and input common terminals. Appropriate considerations must then be given to the potential of the input common with respect to earth ground; and the common of the plug-in cards with respect to input common.

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## CNTUD-AC2R, Electrical & Func

ABSOLUTE MAX LIMITS	CONDITIONS	MIN
Power to Meter	AC Input Voltage	8525
Power to Sensor	Operating	10.8
Minimum Frequency	Operating	
Minimum Frequency	Operating	

ELECTRICAL SPECS	CONDITIONS	
Temperature Range	Operating	
Temperature Range	Storage/No Power	
Humidity	Operating/Storage	
Response Time	Typical	
Enclosure Rating	FACE	
Frequency Range	Single Counter	
Frequency Range	Dual Counter	

PROGRAMMED PARAMETERS	MIN	MAX
Counter A: Scale	0.00001	9.99999
Counter B: Scale	0.00001	9.99999
Counter A Mode: (count, count u/d, quad, count * 2)		
Counter B Mode: (count, count u/d, quad, count * 2)		

Rev A