

Series 16 – Open Circuit Board Controls

- ▶ Solid State Reliability
- ▶ Spade Terminals
- ▶ Time Delays Available
- ▶ U.L. "Motor Control"
- ▶ Optional Dirty Electrode Detection*
- ▶ AC Current Minimizes Electrolysis
- ▶ Compact Size
- ▶ Low-Voltage Sensor
- ▶ LED Monitoring

Series 16 – General Purpose Control

- New Microprocessor Design

Engineered for general purpose single-level or differential applications, these economy priced controls have spade terminals for easy wiring and provide sensitivities up to 1 million ohm/cm.

Series 16D – DPDT Load Contacts

Same features and specifications as Series 16, but these controls also have DPDT load contacts to eliminate the need for slave relays.

Specifications

Contact Design	
Series 16	1 N.O. & 1 N.C. (1 form C)*
Series 16D	2 N.O. & 2 N.C. (2 form C)
Contact Rating (120, 240 VAC)	
Series 16	10 amp Resistive 1/3 hp*
Series 16D	5 amp Resistive 1/10 hp
Mode of Operation	
Direct/Inverse, factory set	
Sensitivity	
0-1M ohm, factory set	
Primary Voltage	
120 VAC, 240 VAC, 24 VAC, 208 VAC (+10%/-15%) 50/60 Hz	
208/240: 187 V min. to 255 V max. VAC 50/60 Hz	
Secondary Voltage	
12 VAC, 1.5 mA	
Temperature	
-40°F to +150°F (-40°C to +65°C)	
Approvals	
U.L. 508 File # E44426	
Terminal Style	
Spade connection	
Options	
Time Delays, Retrofit Plate, Time Out.	
See page E-11 for descriptions.	

How to Order

Use the **Bold** characters from the chart below to construct a product code.

1. Series	16	X	X	X	X	XX	XX	X
<p>16 General Purpose;*</p> <p>16D DPDT Load Contacts</p>								
2. Mode of Operation	Direct	Inverse						
	A – 4.7K	E – 100K	K – 4.7K	P – 100K				
	B – 10K	F – 470K	L – 10K	R – 470K				
	C – 26K	G – 1M	M – 26K	S – 1M				
	D – 50K		N – 50K					
3. Supply Voltage	1 120 VAC; 2 240 VAC; 3 24 VAC; 8 208/240 VAC							
4. Standoff Style	A 1/16" Panel	C Screw Mount						
	B 1/8" Panel	D Retrofit						
5. Enclosure	0 None; 1 NEMA 1; 4 NEMA 4							
6. Retrofit Plate Option	R Yes; Blank No							
7. Time Delay (increasing level) Option	01-20 seconds (Series 16D only)							
	00-90 seconds; Blank 0 seconds (Series 16 only)							
8. Time Delay (decreasing level) Option	01-20 seconds (Series 16M only)							
	00-90 seconds; Blank 0 seconds (Series 16 only)							
9. Time Out Option*	See page E-11, Chart A							

* New Series 16 Microprocessor Design only.

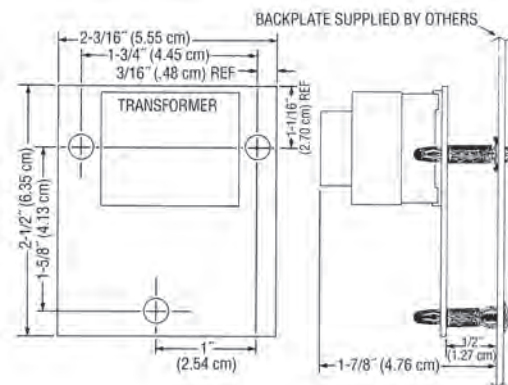


Series 16

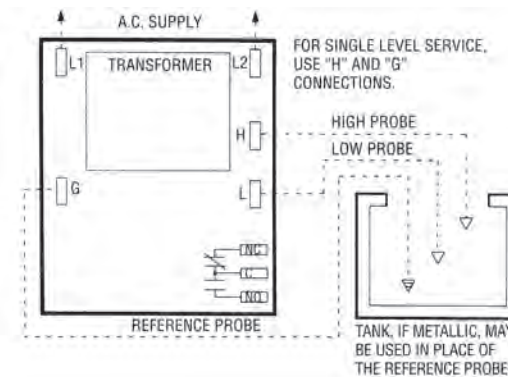
Applications

- Single-Level Service
- Point Level
- Valve Control
- Low-Water Cutoff
- Differential Service
- Alarms
- Pump Control

Dimensions



Wiring



Note: Series 16D similar to Series 16, but with DPDT load contacts.