



**On-Delay Relay Output**

**SPECIFICATIONS**

**TIMING RANGES**

Virtually unlimited. See page 77 for standard ranges available.

**OUTPUT RATING** DPDT, 10 A @ 250 VAC or 24 VDC, resistive; 211 VA @ 120 VAC, inductive, 25VA @ 24VAC inductive

**TIMING** Minimum Setting +0 – 20%

**TOLERANCES** Maximum Setting ±10%;

**REPEATABILITY** 1% maximum; no first cycle effect

**RESET TIMES** Before Time Out 100 mSEC  
After Time Out 50 mSEC

**RECYCLE TIME** 40 mSEC

**SUPPLY VOLTAGE** 24 or 120 VAC or VDC, 50/60 Hz; ±10%  
(TUC Series available in 120 Volts only)

**FALSE TRANSFER** No

**REVERSE POLARITY PROTECTED** Yes

**POWER CONSUMPTION** 3 watts (approximately)

**DUTY CYCLE** Continuous

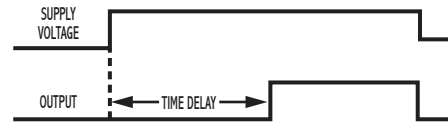
**TEMPERATURE RATING** Operate 32° to 131°F (0° to +55°C)  
Storage -49° to 185°F (-45° to +85°C)

**LIFE EXPECTANCY** Mechanical 10 million operations (minimum)  
Electrical 100,000 operations @ rated load

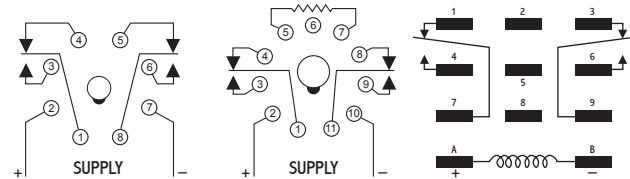
**WEIGHT** 5 oz.

**OPERATION**

The time delay begins when power is applied to the input. Upon completion of the delay period, the relay energizes. Reset during or after the delay period is accomplished by removal of the input voltage. The TDC/TUC will not false transfer if voltage is removed prior to completion of the delay period. A fast recycle time permits accurate, high speed, continuous operation.



**WIRING**



**DPDT Octal Plug-in**

RB-08/PF083A

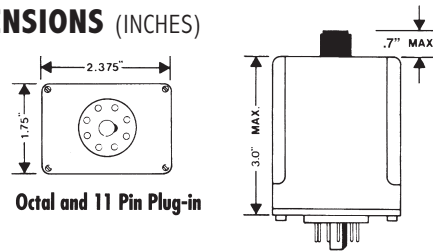
**DPDT 11 Pin Plug-in**  
External Resistor Adjustable

RB-11/PF113A

**DPDT Blade Plug-in**

70-463-1

**DIMENSIONS (INCHES)**



Octal and 11 Pin Plug-in

**MODEL NUMBER**

<b>MODEL NUMBER</b>	T		C		A		
<b>SERIES</b>							
Relay Output		D					
Relay Output with CSA		U*					
<b>SUPPLY VOLTAGE</b>							
24 VAC or DC			24				
110/120 VAC or DC			120				
<b>TYPE OF OPERATION</b>							
Knob Adjustable					K		
Lock Nut Adjustable					L		
Fixed					F		
External Resistor Adjustable					R**		
<b>ENCLOSURE STYLE</b>							
8 or 11-pin Round Plug-in						A	
Blade Plug-in						B	
Non-UL 12-pin DIP Plug-in						C	

**DELAY PERIOD**

See page 77 for standard ranges available

Example: TUC-120-AKA-900—Interval on operate, 120 Volts AC or DC, knob adjustable from 9 to 900 seconds, 8-pin octal plug-in, UL recognized and CSA approved.

Notes:\* The TUC series is offered in 120 Volts, style A enclosure only with optional types of operation “K”, “L”, or “F” CSA certified, File #LR40123\*\*

TDC models using the “R” option are not UL Recognized. The “R” option is not offered in the TUC series or the style B enclosure. TDC models using “F”, “K”, or “L” options and in the 8-pin octal plug are only available in 24-volts.