



On-Delay Relay Output

SPECIFICATIONS

TIMING RANGES

Virtually unlimited. See page 76 for standard ranges available.

OUTPUT RATING	DPDT, 10 A @ 250 VAC or 24 VDC, resistive; 211 VA @ 120 VAC, inductive
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TIMING	Minimum Setting +0 – 20%
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TOLERANCES	Maximum Setting ±10%;
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REPEATABILITY	1% maximum; no first cycle effect
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RESET TIMES	Before Time Out	100 mSEC
	After Time Out	50 mSEC

RECYCLE TIME	40 mSEC
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SUPPLY VOLTAGE	24 or 120 VAC or VDC, 50/60 Hz; ±10% (TUC Series available in 120 Volts only)
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FALSE TRANSFER	No
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REVERSE POLARITY PROTECTED	Yes
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POWER CONSUMPTION	3 watts (approximately)
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DUTY CYCLE	Continuous
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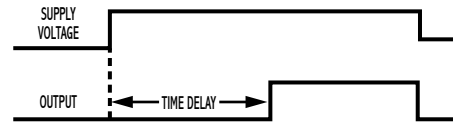
TEMPERATURE RATING	Operate	32° to 131°F (0° to +55°C)
	Storage	-49° to 185°F (-45° to +85°C)

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

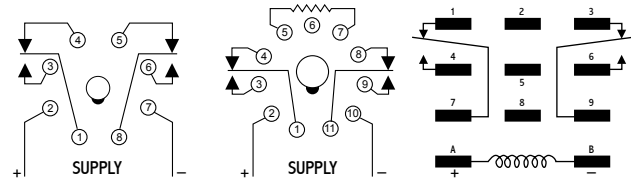
WEIGHT	5 oz.
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OPERATION

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

DPDT 11 Pin Plug-in
External Resistor Adjustable

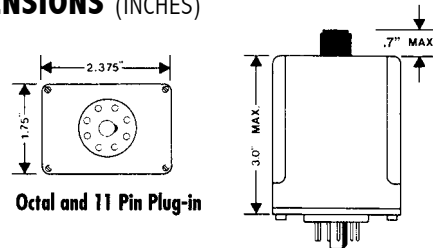
DPDT Blade Plug-in

RB-08/PF083A

RB-11/PF113A

70-463-1

DIMENSIONS (INCHES)



Octal and 11 Pin Plug-in

MODEL NUMBER

MODEL NUMBER	T		C		A			
SERIES	Relay Output	D						
	Relay Output with CSA	U*						
SUPPLY VOLTAGE	24 VAC or DC		24					
	110/120 VAC or DC		120					
TYPE OF OPERATION	Knob Adjustable				K			
	Lock Nut Adjustable				L			
	Fixed				F			
	External Resistor Adjustable				R**			
ENCLOSURE STYLE	8 or 11-pin Round Plug-in						A	
	Blade Plug-in						B	
DELAY PERIOD	See page 74 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.