

COMPETITIVE COMPARISON PLUG-IN DIGITAL-SET TIME DELAY RELAYS



Feature	Macromatic TD-7 Series 	NCC TMM & Dayton 6A855 * 	SSAC TRDU 
Time Delay	Three (3) Pushbutton-Thumbwheels for Time Delay & One (1) Pushbutton-Thumbwheel for Time Range (Base)	Three (3) Pushbutton-Thumbwheels for Time Delay & One (1) 8-Position Rotary Switch for Time Range (Base)	DIP Switches
Function	One (1) Pushbutton-Thumbwheel	One (1) 8-Position Rotary Switch	DIP Switches
Functions Available in Multi-Function Version	On Delay Off Delay Interval On Single Shot Flasher	On Delay Off Delay Interval On Single Shot Flasher	10 Different Single & 11 Different Dual Modes of Operation
Single Function Versions Available	Yes: On Delay Off Delay Interval On Single Shot Flasher	Yes: On Delay Off Delay	No
Time Range	50ms – 999 Hours	50ms – 999 Minutes	0.1S – 1,705 Hours (Single Function units) 0.1S – 3,100 Minutes (Dual Function units)
Input Voltages	12VAC/DC, 24VAC/DC, 48VAC/DC, 120VAC/DC & 240VAC	12VDC, 24VAC, 24VDC, 48VDC, 120VAC & 240VAC	12VDC, 24VAC/DC, 120VAC & 230VAC
Relay Output	DPDT 10A @ 240VAC/28VDC ½hp @ 240VAC 1/3hp @ 120VAC	DPDT 10A @ 240VAC	DPDT 10A @ 240VAC/28VDC 1/3hp @ 120 & 240VAC
Mounting	8 & 11 Pin Octal Plug-in	8 & 11 Pin Octal Plug-in	11 Pin Octal Plug-in
LED	One (1): Output Relay Status/Timing	One (1): Output Relay Status/Timing	Two (2): Input Voltage Applied; Output Relay Status
Dimensions	1.8" w x 2.4" d x 3.0" h	1.75" w x 2.44" d x 3.1" h	1.8" w x 2.4" d x 3.1" h
Agency Approvals	 with Macromatic socket		
	Advantages • Easy method to set time delay & select function using pushbutton thumbwheels - no math required as with DIP switches • UL Listed with Socket • CE Mark	Disadvantages • Separate 24VAC & DC Input Voltages • No HP output contact ratings • Not UL Listed with any socket • No CE Mark	Disadvantages • Have to add numbers from DIP switches to set time delay • Not UL Listed with any socket Advantages • 21 Modes of Operations vs. 5 • Input Voltage Applied LED