







# COMPETITIVE COMPARISON PLUG-IN DIGITAL-SET TIME DELAY RELAYS



Feature	<b>Macromatic TD-7 Series</b> 	<b>NCC TMM &amp; Dayton 6A855 *</b> 	<b>SSAC TRDU</b> 
<b>Time Delay</b>	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
<b>Function</b>	One (1) Pushbutton-Thumbwheel	One (1) 8-Position Rotary Switch	DIP Switches
<b>Functions Available in Multi-Function Version</b>	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
<b>Single Function Versions Available</b>	Yes: On Delay Off Delay Interval On Single Shot Flasher	Yes: On Delay Off Delay	No
<b>Time Range</b>	50ms – 999 Hours	50ms – 999 Minutes	0.1S – 1,70S Hours (Single Function units) 0.1S – 3,10S Minutes (Dual Function units)
<b>Input Voltages</b>	12VAC/DC, 24VAC/DC, 48VAC/DC, 120VAC/DC & 240VAC	12VDC, 24VAC, 24VDC, 48VDC, 120VAC & 240VAC	12VDC, 24VAC/DC, 120VAC & 230VAC
<b>Relay Output</b>	DPDT 10A @ 240VAC/28VDC ½hp @ 240VAC 1/3hp @ 120VAC	DPDT 10A @ 240VAC	DPDT 10A @ 240VAC/28VDC 1/3hp @ 120 & 240VAC
<b>Mounting</b>	8 & 11 Pin Octal Plug-in	8 & 11 Pin Octal Plug-in	11 Pin Octal Plug-in
<b>LED</b>	One (1): Output Relay Status/Timing	One (1): Output Relay Status/Timing	Two (2): Input Voltage Applied; Output Relay Status
<b>Dimensions</b>	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
<b>Agency Approvals</b>	 with Macromatic socket		
	<b>Advantages</b> <ul style="list-style-type: none"> <li>• Easy method to set time delay &amp; select function using pushbutton thumbwheels - no math required as with DIP switches</li> <li>• UL Listed with Socket</li> <li>• CE Mark</li> </ul>	<b>Disadvantages</b> <ul style="list-style-type: none"> <li>• Separate 24VAC &amp; DC Input Voltages</li> <li>• No HP output contact ratings</li> <li>• Not UL Listed with any socket</li> <li>• No CE Mark</li> </ul>	<b>Disadvantages</b> <ul style="list-style-type: none"> <li>• Have to add numbers from DIP switches to set time delay</li> <li>• Not UL Listed with any socket</li> </ul> <b>Advantages</b> <ul style="list-style-type: none"> <li>• 21 Modes of Operations vs. 5</li> <li>• Input Voltage Applied LED</li> </ul>