

# TIME DELAY RELAYS

Non-Programmable Plug-in

On Delay, Interval & Flasher



- ◆ Each unit has a single timing range
- ◆ Choose from 20 separate timing ranges from 0.02 Seconds to 24 Hours
- ◆ Uses industry-standard 8 pin octal sockets
- ◆ 10A DPDT output contacts



## SINGLE KNOB UNITS

FUNCTION ■	INPUT VOLTAGE	PRODUCT NUMBER ** <small>COMPLETE PRODUCT NUMBER USING 2 DIGIT CODE FROM TABLE BELOW</small>	WIRING/ SOCKETS ▲
ON DELAY	120V AC/DC 12V AC/DC 24V AC/DC 240V AC	TR-50222-** TR-50226-** TR-50228-** TR-50221-**	8 PIN OCTAL ▲ <b>70169-D</b>  INPUT VOLTAGE <b>DIAGRAM 1</b>
INTERVAL ON	120V AC/DC 12V AC/DC 24V AC/DC 240V AC	TR-50522-** TR-50526-** TR-50528-** TR-50521-**	
FLASHER	120V AC/DC 12V AC/DC 24V AC/DC 240V AC	TR-50822-** TR-50826-** TR-50828-** TR-50821-**	

■ See Pages 32-33 for definitions & explanations of Timing Functions.

▲ Note: if these products are ordered with the Remote Adjust Potentiometer modification (suffix -Rx), they will require an 11 pin octal socket—see Page 50 for more information.

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## Timing Ranges

<b>** TIMING RANGE TABLE</b>			
COMPLETE PRODUCT NUMBER USING TWO DIGIT CODE FROM TABLE BELOW			
i.e., TR-50222-04			
Time Delay Range	Code	Time Delay Range	Code
0.02 - 2 Sec.	03	6 Sec. - 10 Min.	22
0.05 - 5 Sec.	04	9 Sec. - 15 Min.	14
0.1 - 10 Sec.	05	0.3 - 30 Min.	15
0.15 - 15 Sec.	06	0.6 - 60 Min.	16
0.3 - 30 Sec.	07	1.2 - 120 Min.	17
0.6 - 60 Sec.	08	1.8 - 180 Min.	18
1.2 - 120 Sec.	09	2.4 Min. - 4 Hr.	19
1.8 - 180 Sec.	10	4.8 Min. - 8 Hr.	20
3 - 300 Sec.	12	7.2 Min. - 12 Hr.	21
4.5 - 450 Sec.	13	14.4 Min. - 24 Hr.	23

For Fixed Time Delay (at no additional charge), add suffix "F" and time delay desired to basic Product Number, i.e., TR-50222-F5S is an On Delay with a time delay fixed at 5 seconds.



**800-238-7474**

[www.macromatic.com](http://www.macromatic.com)

[whats-up@macromatic.com](mailto:whats-up@macromatic.com)



# TIME DELAY RELAYS

Non-Programmable Plug-in  
Off Delay, Single Shot & Watchdog

## SINGLE KNOB UNITS

FUNCTION ■ ▲	INPUT VOLTAGE	PRODUCT NUMBER ** <small>COMPLETE PRODUCT NUMBER USING 2 DIGIT CODE FROM TABLE BELOW</small>	WIRING/ SOCKETS
<b>OFF DELAY</b> Control Switch Trigger	120V AC/DC 12V AC/DC 24V AC/DC 240V AC	TR-51622-** TR-51626-** TR-51628-** TR-51621-**	11 PIN OCTAL <b>70170-D</b> 
<b>SINGLE SHOT</b> Control Switch Trigger	120V AC/DC 12V AC/DC 24V AC/DC 240V AC	TR-51522-** TR-51526-** TR-51528-** TR-51521-**	<b>DIAGRAM 2</b>
<b>WATCHDOG</b> Control Switch Trigger (Retriggerable Single Shot)	120V AC/DC 12V AC/DC 24V AC/DC 240V AC	TR-51322-** TR-51326-** TR-51328-** TR-51321-**	
<b>OFF DELAY</b> Power Trigger	120V AC/DC 12V AC/DC 24V AC/DC 240V AC	TR-51922-** TR-51926-** TR-51928-** TR-51921-**	
<b>SINGLE SHOT</b> Power Trigger	120V AC/DC 12V AC/DC 24V AC/DC 240V AC	TR-51722-** TR-51726-** TR-51728-** TR-51721-**	<b>DIAGRAM 4</b>
<b>WATCHDOG</b> Power Trigger (Retriggerable Single Shot)	120V AC/DC 12V AC/DC 24V AC/DC 240V AC	TR-51822-** TR-51826-** TR-51828-** TR-51821-**	

- ◆ Each unit has a single timing range
- ◆ Choose from 20 separate timing ranges from 0.02 Seconds to 24 Hours
- ◆ Uses industry-standard 11 pin octal sockets
- ◆ 10A DPDT output contacts



■ See Pages 32-33 for definitions & explanations of Timing Functions.

▲ 8 Pin SPDT versions of these functions are available—see Page 38.

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## Timing Ranges

<b>** TIMING RANGE TABLE</b>			
COMPLETE PRODUCT NUMBER USING TWO DIGIT CODE FROM TABLE BELOW			
i.e., TR-51622-04			
Time Delay Range	Code	Time Delay Range	Code
0.02 - 2 Sec.	03	6 Sec. - 10 Min.	22
0.05 - 5 Sec.	04	9 Sec. - 15 Min.	14
0.1 - 10 Sec.	05	0.3 - 30 Min.	15
0.15 - 15 Sec.	06	0.6 - 60 Min.	16
0.3 - 30 Sec.	07	1.2 - 120 Min.	17
0.6 - 60 Sec.	08	1.8 - 180 Min.	18
1.2 - 120 Sec.	09	2.4 Min. - 4 Hr.	19
1.8 - 180 Sec.	10	4.8 Min. - 8 Hr.	20
3 - 300 Sec.	12	7.2 Min. - 12 Hr.	21
4.5 - 450 Sec.	13	14.4 Min. - 24 Hr.	23

For Fixed Time Delay (at no additional charge), add suffix "F" and time delay desired to basic Product Number, i.e., TR-51622-F5S is an Off Delay with a time delay fixed at 5 seconds.

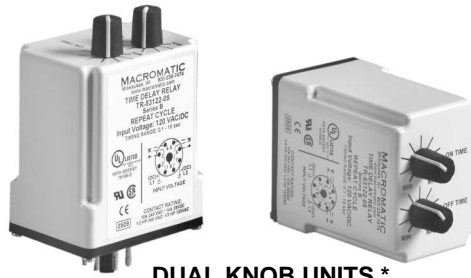


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[whats-up@macromatic.com](mailto:whats-up@macromatic.com)

# TIME DELAY RELAYS

Non-Programmable Plug-in  
Repeat Cycle & Delayed Interval



**DUAL KNOB UNITS \***

- ◆ Each unit has a single timing range
- ◆ Choose from 20 separate timing ranges from 0.02 Seconds to 24 Hours
- ◆ Independently adjustable ON & OFF times on dual knob timers
- ◆ Uses industry-standard 8 or 11 pin octal sockets
- ◆ 10A DPDT output contacts



**UL LISTED** with appropriate socket

FUNCTION ■	INPUT VOLTAGE	PRODUCT NUMBER ** COMPLETE PRODUCT NUMBER USING 2 DIGIT CODE FROM TABLE BELOW	WIRING/ SOCKET
<b>REPEAT CYCLE</b> (OFF Time First Followed By ON Time and Repeating)	120V AC/DC 12V AC/DC 24V AC/DC 240V AC	TR-53122-** TR-53126-** TR-53128-** TR-53121-**	8 PIN OCTAL <b>70169-D</b>  INPUT VOLTAGE <b>DIAGRAM 1</b>
<b>REPEAT CYCLE</b> (ON Time First Followed By OFF Time and Repeating)	120V AC/DC 12V AC/DC 24V AC/DC 240V AC	TR-55122-** TR-55126-** TR-55128-** TR-55121-**	 INPUT VOLTAGE <b>DIAGRAM 1</b>
<b>DELAYED INTERVAL</b> (OFF Time Followed by ON Time Followed by OFF State Until Reset)	120V AC/DC 12V AC/DC 24V AC/DC 240V AC	TR-56122-** TR-56126-** TR-56128-** TR-56121-**	 INPUT VOLTAGE <b>DIAGRAM 1</b>
<b>DELAYED INTERVAL</b> Control Switch Trigger (OFF Time Followed by ON Time Followed by OFF State Until Reset)	120V AC/DC 12V AC/DC 24V AC/DC 240V AC	TR-56522-** TR-56526-** TR-56528-** TR-56521-**	11 PIN OCTAL <b>70170-D</b>  INPUT VOLTAGE <b>DIAGRAM 2</b>

\* All Dual Knob units have independently selectable & adjustable ON & OFF times. To order a Dual Knob unit with the same ON & OFF timing ranges, complete the Product Number by adding one two-digit code from the table below, i.e., a TR-55122-08 is a Repeat Cycle unit with both the ON time & OFF time adjustable between 0.6 - 60 seconds. To order a Dual Knob unit with different ON & OFF timing ranges, complete the Product Number by adding two different two-digit codes from the table below. The first suffix indicates the first timing range of the unit and the second suffix indicates the second timing range, i.e., a TR-53122-05-12 is a Repeat Cycle unit with an OFF timing range first of 0.1-10 seconds and an ON timing range second of 3-300 seconds.

■ See Pages 32-33 for definitions & explanations of Timing Functions.

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## Timing Ranges

<b>** TIMING RANGE TABLE</b>			
COMPLETE PRODUCT NUMBER USING TWO DIGIT CODE FROM TABLE BELOW			
i.e., TR-55122-04			
Time Delay Range	Code	Time Delay Range	Code
0.02 - 2 Sec.	03	6 Sec. - 10 Min.	22
0.05 - 5 Sec.	04	9 Sec. - 15 Min.	14
0.1 - 10 Sec.	05	0.3 - 30 Min.	15
0.15 - 15 Sec.	06	0.6 - 60 Min.	16
0.3 - 30 Sec.	07	1.2 - 120 Min.	17
0.6 - 60 Sec.	08	1.8 - 180 Min.	18
1.2 - 120 Sec.	09	2.4 Min. - 4 Hr.	19
1.8 - 180 Sec.	10	4.8 Min. - 8 Hr.	20
3 - 300 Sec.	12	7.2 Min. - 12 Hr.	21
4.5 - 450 Sec.	13	14.4 Min. - 24 Hr.	23

For Fixed Time Delay (at no additional charge), add suffix "F" and time delay desired to basic Product Number, i.e., TR-53122-F5S is a Repeat Cycle with a time delay fixed at 5 seconds.



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[whats-up@macromatic.com](mailto:whats-up@macromatic.com)