

# NON-PROGRAMMABLE | ON DELAY, INTERVAL, TRUE OFF DELAY & FLASHER

## TR-5 SERIES



- ◆ Onboard & remote adjustable or fixed time delays from 0.05 seconds to 2 hours
- ◆ Uses industry-standard 8 pin octal sockets
- ◆ 10A DPDT output contacts
- ◆ Pilot duty rating



with appropriate socket



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FUNCTION ■ 50/60Hz.	INPUT VOLTAGE	CATALOG NUMBER **	WIRING/ SOCKETS ▲
<b>ON DELAY</b> <b>A</b>	120V AC/DC 12V DC 24V AC/DC 240V AC	TR-50222-** TR-50226-** TR-50228-** TR-50221-**	8 PIN OCTAL <b>70169-D</b>  <b>DIAGRAM 1</b>
<b>INTERVAL ON</b> <b>B</b>	120V AC/DC 12V DC 24V AC/DC 240V AC	TR-50522-** TR-50526-** TR-50528-** TR-50521-**	
<b>TRUE OFF DELAY</b> <b>R</b>	120V AC/DC 12V DC 24V AC/DC 240V AC	TR-50622-** TR-50626-** TR-50628-** TR-50621-**	
<b>FLASHER</b> 120V (OFF 1st) <b>E</b>	AC/DC 12V DC 24V AC/DC 240V AC	TR-50822-** TR-50826-** TR-50828-** TR-50821-**	

■ See "Definitions of Timing Functions".

\*\* Complete Product Number using two-digit Code from Table below.

▲ Note: If these products are ordered with the Remote Adjustable Time Delay modification (suff x -Rx), they will require an 11 pin octal socket

## TIME DELAYS

TR-5 Series Products have three time delay options:

- **Onboard Adjustable Time Delay**--complete Product Number by adding two-digit Code from Table at right, i.e., TR-50222-05 is an On Delay with a time delay range of 0.1-10 seconds.
- **Onboard Fixed Time Delay**--replace two-digit Code with suff x "F" followed by delay [0.1 ... 100] followed by (S) seconds, (M) minutes or (H) hours, i.e., TR-50222-F5S is an On Delay with a time delay fixed at 5 seconds.
- **Remote Adjustable Time Delay**--Selected TR-5 Series products can be built with two terminals for remote adjustable or fixed time delays.

\*\* TIMING RANGE TABLE

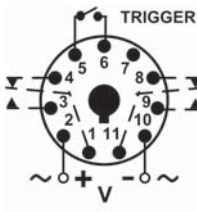
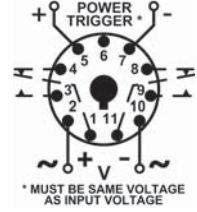
Time Delay Range	Code
0.05 - 5 Sec.	04
0.1 - 10 Sec.	05
0.3 - 30 Sec.	07✘
0.6 - 60 Sec.	08
1.2 - 120 Sec.	09
1.8 - 180 Sec.	10
3 - 300 Sec.	12
0.1 - 10 Min.	22
0.3 - 30 Min.	15
0.6 - 60 Min.	16✘
1.2 - 120 Min.	17✘

✘ Not offered on TR-506

Sockets & Accessories available

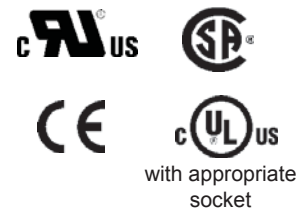
# NON-PROGRAMMABLE | OFF DELAY, SINGLE SHOT, WATCHDOG & SINGLE SHOT FALLING EDGE

## TR-5 SERIES

FUNCTION	INPUT VOLTAGE	CATALOG NUMBER **	WIRING/SOCKETS ▲
<b>OFF DELAY</b> 120V Control Switch Trigger <b>C</b>	AC/DC 12V 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> 120V Control Switch Trigger <b>D</b>	AC/DC 12V DC 24V AC/DC 240V AC	TR-51522-** TR-51526-** TR-51528-** TR-51521-**	<b>DIAGRAM 2</b>
<b>WATCHDOG</b> 120V Control Switch Trigger (Retriggerable 24V Single Shot) <b>W</b>	AC/DC 12V DC AC/DC AC	TR-51322-** TR-51326-** TR-51328-** TR-51321-**	
<b>SINGLE SHOT FALLING EDGE</b> 12V Control Switch Trigger <b>H</b>	AC/DC DC 24V AC/DC 240V AC	TR-52222-** TR-52226-** TR-52228-** TR-52221-**	
<b>OFF DELAY</b> Power Trigger <b>C</b>	120V AC/DC 12V DC 24V AC/DC 240V AC	TR-51922-** TR-51926-** TR-51928-** TR-51921-**	11 PIN OCTAL <b>70170-D</b> 
<b>SINGLE SHOT</b> 120V Power Trigger <b>D</b>	AC/DC 12V DC 24V AC/DC 240V AC	TR-51722-** TR-51726-** TR-51728-** TR-51721-**	<b>DIAGRAM 4</b> * MUST BE SAME VOLTAGE AS INPUT VOLTAGE
<b>WATCHDOG</b> 120V Power Trigger (Retriggerable 24V Single Shot) <b>W</b>	AC/DC 12V DC AC/DC AC	TR-51822-** TR-51826-** TR-51828-** TR-51821-**	



- ◆ Onboard & remote adjustable or fixed time delays from 0.05 seconds to 2 hours
- ◆ Uses industry-standard 11 pin octal sockets
- ◆ 10A DPDT output contacts
- ◆ Pilot duty rating



■ See "Definitions of Timing Functions".

\*\* Complete Product Number using two-digit Code from Table below.

▲ 8 Pin SPDT versions of these functions (except Single Shot Falling Edge) are available.

## TIME DELAYS

TR-5 Series Products have three time delay options:

- **Onboard Adjustable Time Delay**--complete Product Number by adding two-digit Code from Table at right, i.e., TR-51622-05 is an Off Delay with a time delay range of 0.1-10 seconds.
- **Onboard Fixed Time Delay**--replace two-digit Code with suff x "F" followed by delay [0.1 ... 100] followed by (S) seconds, (M) minutes or (H) hours, i.e., TR-51622-F5S is an Off Delay with a time delay fixed at 5 seconds.
- **Remote Time Delay**--Selected TR-5 Series products can be built with two terminals for remote adjustable or fixed time delays.

** TIMING RANGE TABLE	
Time Delay Range	Code
0.05 - 5 Sec.	04
0.1 - 10 Sec.	05
0.3 - 30 Sec.	07
0.6 - 60 Sec.	08
1.2 - 120 Sec.	09
1.8 - 180 Sec.	10
3 - 300 Sec.	12
0.1 - 10 Min.	22
0.3 - 30 Min.	15
0.6 - 60 Min.	16
1.2 - 120 Min.	17

Sockets & Accessories available



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# NON-PROGRAMMABLE | REPEAT CYCLE, ON/OFF DELAY, & DELAYED INTERVAL

## TR-5 SERIES



- ◆ Onboard & remote adjustable or fixed time delays from 0.05 seconds to 2 hours
- ◆ Independently adjustable ON & OFF times
- ◆ Uses industry-standard 8 or 11 pin octal sockets
- ◆ 10A DPDT output contacts
- ◆ Pilot duty rating



with appropriate socket

FUNCTION	INPUT VOLTAGE	CATALOG NUMBER **	WIRING/SOCKET
<b>REPEAT CYCLE*</b> (OFF Time First Followed By ON Time 24V and Repeating) <b>S</b>	120V AC/DC 12V DC AC/DC 240V AC	TR-53122-** TR-53126-** TR-53128-** TR-53121-**	8 PIN OCTAL <b>70169-D</b>  <b>DIAGRAM 1</b>
<b>ON/TRUE OFF DELAY</b> 24V <b>S</b>	120V AC/DC 12V DC AC/DC 240V AC	TR-54622-** TR-54626-** TR-54628-** TR-54621-**	
<b>REPEAT CYCLE*</b> (ON Time First Followed By OFF Time 24V and Repeating) <b>S</b>	120V AC/DC 12V DC AC/DC 240V AC	TR-55122-** TR-55126-** TR-55128-** TR-55121-**	
<b>DELAYED INTERVAL*</b> (OFF Time Followed by ON Time Followed by OFF State Until Reset) <b>P</b>	120V AC/DC 12V DC AC/DC 240V AC	TR-56122-** TR-56126-** TR-56128-** TR-56121-**	
<b>ON/OFF DELAY*</b> Control Switch Trigger <b>G</b>	120V AC/DC 12V DC 24V AC/DC 240V AC	TR-54122-** TR-54126-** TR-54128-** TR-54121-**	11 PIN OCTAL <b>70170-D</b>  <b>DIAGRAM 2</b>
<b>DELAYED INTERVAL*</b> Control Switch Trigger (OFF Time Followed by ON Time Followed by OFF State Until Reset) <b>P</b>	120V AC/DC 12V DC AC/DC 240V AC	TR-56522-** TR-56526-** TR-56528-** TR-56521-**	

■ See "Definitions of Timing Functions".

\* ON & OFF Time Ranges for these functions are the same.

\*\* Complete Product Number using two-digit Code from Table below.

## TIME DELAYS

TR-5 Series Products have three time delay options:

- **Onboard Adjustable Time Delay**--complete Product Number by adding two-digit Code from Table at right, i.e., TR-53122-05 is a Repeat Cycle with both an ON & OFF time delay range of 0.1-10 seconds.

- **Onboard Fixed Time Delay**--replace two-digit Code with suff x "F" followed by delay [0.1 ... 100] followed by (S) seconds, (M) minutes or (H) hours, i.e., TR-53122-F5S is a Repeat Cycle with a time delay fixed at 5 seconds.

- **Remote Time Delay**--Selected TR-5 Series products can be built with two terminals for remote adjustable or fixed time delays.

\*\* TIMING RANGE TABLE

Time Delay Range	Code
0.05 - 5 Sec.	04
0.1 - 10 Sec.	05
0.3 - 30 Sec.	07*
0.6 - 60 Sec.	08
1.2 - 120 Sec.	09
1.8 - 180 Sec.	10
3 - 300 Sec.	12
0.1 - 10 Min.	22
0.3 - 30 Min.	15
0.6 - 60 Min.	16*
1.2 - 120 Min.	17*

\* Not offered on TR-546

Sockets & Accessories available



# NON-PROGRAMMABLE | OFF DELAY, SINGLE SHOT & WATCHDOG

## 8 PIN | SPDT VERSIONS | TR-5 SERIES



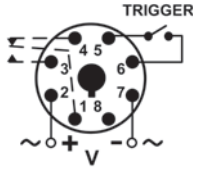
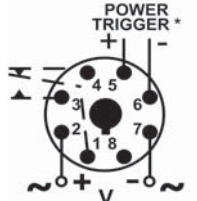
- ◆ These are 8 pin 10A SPDT versions of our standard 11 pin DPDT products
- ◆ Onboard & remote adjustable or fixed time delays from 0.05 seconds to 2 hours
- ◆ Uses industry-standard 8 pin octal socket
- ◆ Pilot duty rating



with appropriate socket



Better. By Design.

FUNCTION	50/60Hz.	INPUT VOLTAGE	CATALOG NUMBER **	WIRING/SOCKETS ▲
<b>OFF DELAY</b> 120V Control Switch Trigger <b>C</b>		AC/DC 12V DC 24V AC/DC 240V AC	TR-51662-** TR-51666-** TR-51668-** TR-51661-**	8 PIN OCTAL <b>70169-D ▲</b>
<b>SINGLE SHOT</b> 120V Control Switch Trigger <b>D</b>		AC/DC 12V DC 24V AC/DC 240V AC	TR-51562-** TR-51566-** TR-51568-** TR-51561-**	
<b>WATCHDOG</b> 120V Control Switch Trigger (Retriggerable 24V Single Shot) <b>J</b>		AC/DC 12V DC AC/DC AC	TR-51362-** TR-51366-** TR-51368-** TR-51361-**	<b>DIAGRAM 11</b>
<b>OFF DELAY</b> 120V Power Trigger <b>C</b>		AC/DC 12V DC 24V AC/DC 240V AC	TR-51962-** TR-51966-** TR-51968-** TR-51961-**	8 PIN OCTAL <b>70169-D ▲</b>
<b>SINGLE SHOT</b> 120V Power Trigger <b>D</b>		AC/DC 12V DC 24V AC/DC 240V AC	TR-51762-** TR-51766-** TR-51768-** TR-51761-**	
<b>WATCHDOG</b> 120V Power Trigger (Retriggerable 24V Single Shot) <b>J</b>		AC/DC 12V DC AC/DC AC	TR-51862-** TR-51866-** TR-51868-** TR-51861-**	<b>DIAGRAM 37</b> * MUST BE SAME VOLTAGE AS INPUT VOLTAGE

■ See "Definitions of Timing Functions".

\*\* Complete Product Number using two-digit Code from Table below.

▲ Note: if these products are ordered with the Remote Adjust Potentiometer modification (suff x -Rx), they will require an 11 pin octal socket-

### TIME DELAYS

TR-5 Series Products have three time delay options:

- **Onboard Adjustable Time Delay**--complete Product Number by adding two-digit Code from Table at right, i.e., TR-51662-05 is an Off Delay with a time delay range of 0.1-10 seconds.
- **Onboard Fixed Time Delay**--replace two-digit Code with suff x "F" followed by delay [0.1 ... 100] followed by (S) seconds, (M) minutes or (H) hours, i.e., TR-51662-F5S is an Off Delay with a time delay fixed at 5 seconds.
- **Remote Time Delay**--Selected TR-5 Series products can be built with two terminals for remote adjustable or fixed time delays.

\*\* TIMING RANGE TABLE

Time Delay Range	Code
0.05 - 5 Sec.	04
0.1 - 10 Sec.	05
0.3 - 30 Sec.	07
0.6 - 60 Sec.	08
1.2 - 120 Sec.	09
1.8 - 180 Sec.	10
3 - 300 Sec.	12
0.1 - 10 Min.	22
0.3 - 30 Min.	15
0.6 - 60 Min.	16
1.2 - 120 Min.	17

Sockets & Accessories available