

ON DELAY, INTERVAL, FLASHER, CYCLE & DELAYED INTERVAL

SOLID STATE OUTPUT | THS-1 SERIES

TIME DELAY RELAYS | ENCAPSULATED



- ◆ Cost effective design & compact 2" x 2" enclosure are ideal for volume OEM applications
- ◆ Microprocessor-based design for greater performance & maximum flexibility
- ◆ Encapsulated for protection against harsh environments
- ◆ Output rated 1A continuous/10A inrush is perfect for high duty cycle/long life applications
- ◆ Onboard & remote adjustable or fixed time delays from 0.01 seconds to 100 hours
- ◆ Built-in load suppression eliminates need for separate protection
- ◆ Pilot duty rating



FUNCTION	VOL	INPUT TAGE	PRODUCT NUMBER **	WIRING ❖
ON DELAY □ A		24-240V AC 12-125V DC	THS-1024A-** THS-1024D-**	Onboard Adjustable or Fixed Time Delay DIAGRAM 317
INTER VAL ON B		24-240V AC 12-125V DC	THS-1054A-** THS-1054D-**	
FLASHER (ON Time 1st) E	24-240V	AC 12-125V DC	THS-1094A-** THS-1094D-**	Remote Time Delay DIAGRAM 320
REPEAT CYCLE * (OFF Time 1st) L	24-240V	AC 12-125V DC	THS-1314A-** THS-1314D-**	
REPEAT CYCLE * (ON Time 1st) M	24-240V	AC 12-125V DC	THS-1514A-** THS-1514D-**	
DELA YED INTERVAL * N	24-240V 12-125V	AC DC	THS-1614A-** THS-1614D-**	

■ See "Definitions of Timing Functions".

□ See Inline (Series-Connection) On Delay.

❖ Diagrams shown are for products with AC input voltage. For products with DC input voltage, the "+" terminal is 2 & the "-" terminal is 3.

* e functions are the same. See information on how to order a unit with

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

TIME DELAYS

THS-1 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., THS-1054A-30 is an Interval On with a time delay range of 0.1-10 seconds. * See [] for information on how to order these functions with different ON & OFF time ranges.
- **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., THS-1054A-F5S is an Interval On with a time delay fixed at 5 seconds.
- **Remote Time Delay**--THS-1 Series products can be built with two terminals for remote adjustable or fixed time delays.

** TIMING RANGE TABLE	
Time Delay Range	Code
0.01 - 1 Sec.	02
0.05 - 5 Sec.	04
0.1 - 10 Sec.	30
1 - 100 Sec.	31
10 - 1,000 Sec.	36
0.1 - 10 Min.	32
1 - 100 Min.	33
10 - 1,000 Min.	37
1 - 100 Hr.	35

Build your Time Delay Relays with the [Online Product Builder](#)