

LT and GT Series Thermal Time Delays

Hermetically sealed miniature timing relays

LT miniature thermal time delay relays are a unique design incorporating small size with the ability to meet the most stringent shock and vibration requirements. The LT Series are widely used for environmentally demanding industrial and commercial applications where operational requirements and size are a major criteria for selection.



Benefits include:

- Small size
- Hermetically sealed, factory set
- Low profile
- Shock and vibration resistant
- Will meet MIL-R-19648 requirements

SPECIFICATIONS	
Delay Range:	2 – 75 Seconds
Operating Tolerance:	±15% at rated voltage
Vibration:	10g/500 Hz
Shock:	50g-11ms
Operating Temperature:	-65°C to +85°C (-85°F to +185°F)
Standard Heater Voltages:	28 and 115 VAC/VDC
Contacts:	SPST - N.O. and N.C.
Contact Ratings:	Non-Inductive: 2 amps to 250 VAC 1 amp to 32 VDC Inductive: 25VA to 250 VAC** 1/8 amp to 32 VDC
Power Requirement:	4 Watts
Connections:	Hook-pin, 7 point
Finish:	Electroless Nickel plating

**1 amp maximum below 32 V

GT Relays represent the most complete family of thermal time delay relays for environmentally demanding applications where shock and vibration requirements must be met. Standard models may be used as a substitute in many existing systems. These relays are widely used in numerous military applications to include airborne, shipboard and ground support equipment to provide delay functions for sequencing, equipment protection, system warm-up, etc. in addition to many commercial and industrial system designs where reliable product performance is essential.



Benefits include:

- Hermetically sealed, yet adjustable.
- Temperature compensated.
- Shock and vibration resistant.
- Will meet MIL-R-19648 requirements.

SPECIFICATIONS	
Delay Range:	0.1 – 240 Seconds
Operating Tolerance:	±10% at rated voltage
Vibration:	10g/500 Hz
Shock:	30g-11ms
Operating Temperature:	-65°C to +125°C (-85°F to +257°F)
Standard Heater Voltages:	28 and 115 VAC/VDC
Contacts:	SPST - N.O. and N.C.
Contact Ratings:	Non-Inductive: 3 amps to 250 VAC 1 amp to 32 VDC Inductive: 25VA to 250 VAC** 1/8 amp to 32 VDC
Power Requirement	4 Watts
Weight	1.5 oz. Maximum
Finish	Electroless Nickel plating

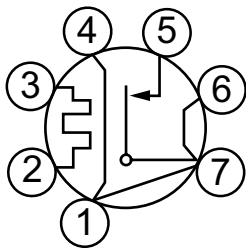
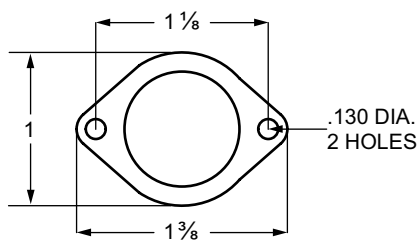
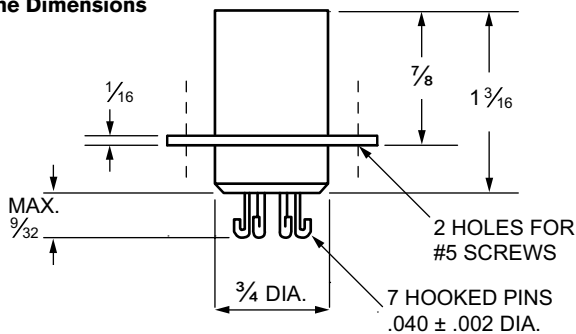
**1 amp maximum below 32 V

LT SERIES

STANDARD MODELS (NORMALLY OPEN CONTACTS)				
Delay Time (Seconds)	RATED HEATER VOLTAGE			
	28 VAC/VDC		115 VAC/VDC	
	NO	NC	NO	NC
2	LT-2101	LT-2102	LT-3101	LT-3102
5	LT-2201	LT-2202	LT-3201	LT-3202
7	LT-2421	LT-2422	LT-3409	LT-3410
10	LT-2401	LT-2402	LT-3401	LT-3402
15	LT-2501	LT-2502	LT-3501	LT-3502
30	LT-2601	LT-2602	LT-3601	LT-3602
50	LY-2711	LT-2712	LT-3711	LT-3712
60	LT-2801	LT-2802	LT-3801	LT-3802
75	LT-2811	LT-2812	LT-3811	LT-3812

Note: Custom voltages and timings available upon request.

Outline Dimensions



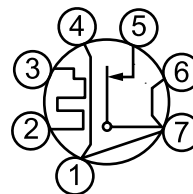
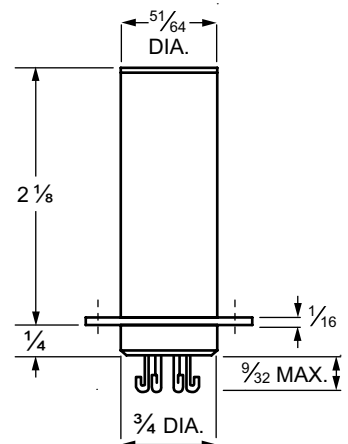
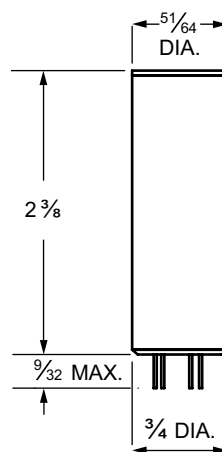
Wiring Connections

GT SERIES

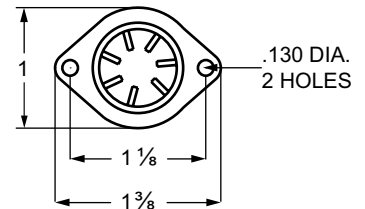
STANDARD MODELS (NORMALLY OPEN CONTACTS)				
Delay Time (Seconds)	RATED HEATER VOLTAGE			
	28 VAC/VDC		115 VAC/VDC	
	PLUG-IN	FLANGED	PLUG-IN	FLANGED
1	GT-123	GT-323	-	-
3	GT-125	GT-325	-	-
5	GT-231	GT-431	GT-243	GT-443
6	GT-127	GT-327	GT-181	GT-381
7.5	GT-233	GT-433	GT-245	GT-445
10	GT-129	GT-329	GT-183	GT-383
15	GT-235	GT-435	GT-247	GT-447
20	GT-131	GT-331	GT-185	GT-385
30	GT-133	GT-333	GT-187	GT-387
40	GT-135	GT-335	GT-189	GT-389
60	GT-137	GT-337	GT-191	GT-391
80	GT-139	GT-339	GT-193	GT-393
120	GT-141	GT-341	GT-195	GT-395

Note: Custom voltages and timings available upon request.

Outline Dimensions



Wiring Connections



All dimensions in inches

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