



 **Where Ideas Meet Industry**

LT Series – 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.

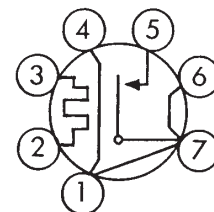
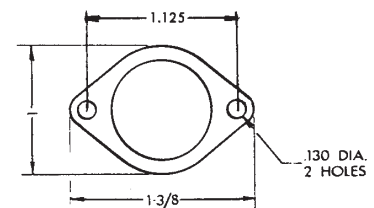
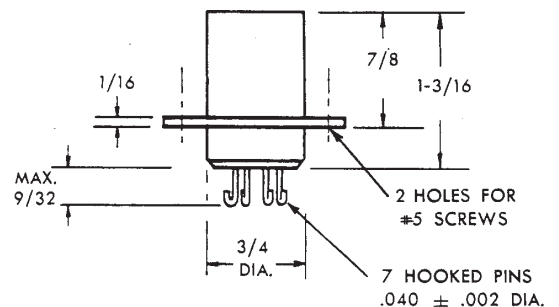
Benefits include . . .

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 cps |
| 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 | Corrosion-resistant plating |

**1 amp maximum below 32 V



WIRING CONNECTIONS

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.

World leaders



Radiodetection is a proud member of the SPX group of companies, which provide technical products and service solutions worldwide.

Radiodetection and its associated companies specialize in the design and manufacture of products for the location and maintenance of underground pipes and cables. Our aim is to be viewed as the supplier of choice of 'high performance' quality equipment using advanced product technologies. We are also committed to both design innovation and customer support.

Technical support



Radiodetection equipment users have easy access to technical support. A call to your regional representative, or the Radiodetection head office, will put you in contact with our team of field-experienced technical experts.

Servicing and repair



Radiodetection has a team of factory-trained service technicians and dedicated service facilities. Turnaround is fast, and costs are very competitive.

Training



Product training for your operators and training personnel is available on your site, or at Radiodetection's headquarters. Training is with qualified instructors and each trainee receives a certificate to confirm they have received the training.

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