**Laird Technologies**
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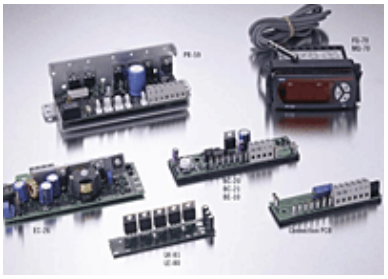
All Categories > Thermal Management Solutions > Thermoelectric Assemblies > Temperature Controllers > Temperature Controllers > Item # LK-81

## Item # LK-81, Cool/Heat Controller

### Cool/Heat Controller

**Cool/Heat controllers - for outdoor cabinets:**
This fully integrated controller is designed for cooling and heating outdoor electronic cabinets where accuracy is not crucial, but reliability, simplicity and low cost are. The controller automatically keeps your electronics warm in wintertime and cool in the summer. Can handle currents up to 20 A. A signal output indicates if the TE modules are active or not. Available for heating below 5°C and cooling above 35°C (LE-80), or heating below 10°C and cooling above 25°C (LK-81). LK-81 includes low voltage protection and is designed for temperature control of batteries and electronics. These controllers can be integrated with the biggest AA-assemblies (AA-100 to AA-200)

Stock Locator



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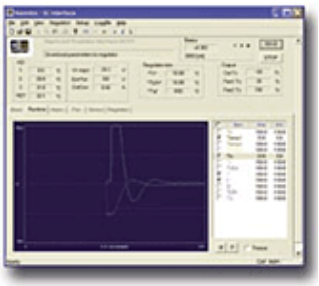

*Snapshot of graphical user interface showing run time graph of temperatures and PID parameters for PR-59.*

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### Specifications

| | |
|---|---|
| **Regulation Type** | Serial Transistor |
| **Imax** | 10 A<br>20 A |
| **Voltage** | 24 V<br>48 V |
| **Settings** | Cool >25 ºC<br>Heat <10 ºC |
| **Accuracy** | ±2.0 ºC |
| **Hysteresis** | 3.0 ºC |
| **Low Voltage Protection** | Yes |

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