Love Controls LTT Series SSR Monitors allow easy monitoring of the operation of your SSR switches. This handy device compares the input status with the output status. An alarm operates a relay contact to tell you if the load circuit has opened or if the SSR has shorted. The LTT mounts easily on most SSRs with no additional hardware. Protect your system today.

**FEATURES**
- Monitors SSRs for loss of line, open load, shorted SSR, loss of DC power
- Mounts on standard SSRs over the connection terminals
- Designed to fit under finger safe cover
- LED status indicator
- Normally closed dry relay contact 200 VDC @ 0.5A max.

### Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>LTT12-0</td>
<td>Solid State Relay Monitor, 10–19 VDC Trigger, 100–660 VAC Load</td>
</tr>
<tr>
<td>LTT24-0</td>
<td>Solid State Relay Monitor, 20–32 VDC Trigger, 100–660 VAC Load</td>
</tr>
<tr>
<td>LTT12-1</td>
<td>Solid State Relay Monitor, 10–19 VDC Trigger, 100–660 VAC Load w/Driver Circuit Test</td>
</tr>
<tr>
<td>LTT24-1</td>
<td>Solid State Relay Monitor, 20–32 VDC Trigger, 100–660 VAC Load w/Driver Circuit Test</td>
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</tbody>
</table>

The Model MN-1 Mini-Node™ Communication Signal Converter is a low cost device that converts half duplex RS-485 serial communications signals into a signal that can be read by any computer with a USB port. The integral USB connector and RJ-45 connector reduces set up time by eliminating extra wiring. The Model MN-1 is powered via the USB connection which eliminates the need for an external power source. The compact size is great for field installation, control panels, and lab testing.

**Model MN-1, Mini-Node™ USB to RS-485 Converter**

### SPECIFICATIONS

- **Power Requirements**: No external power required.
- **Power Consumption**: 0.4 W.
- **Isolated Voltage**: 3000 VDC.
- **Input Impedance**: 96 kΩ.
- **USB Connector**: B-type (female).
- **RS-485 Connector**: RJ-45.
- **Baud Rate**: 75, 150, 300, 600, 1200, 2400, 4800, 9600, 19200, 38400, 57600, and 115200 bps.
- **Compatibility**: Full compliance with USB V2.0 specification.