TSP-40 Thermal Strip Printer

Features:
- Event Logging
- 40/80 Character Line Modes
- System Reports
- Battery Backup
- Paper Take Up Reel
- Out of Paper Indication
- Event Buffer Full Message When Out of Paper
- RS-232C Communication
- UL Listed/ULC Listed, CSFM, NYMEA, FM, and City of Chicago Approved

Description
The TSP-40 is a thermal strip printer designed for use with the Cerberus Pyrotronics MXL system. It mounts in the MXL enclosure and its printout is visible through a window in the locked enclosure door. Printouts are automatically spooled on a take up reel for easy record storage.

The TSP-40 acts as an event logging device providing a permanent history report of all MXL system activity. It can also be used to provide system status reports, including a listing of all smoke detector sensitivities and thresholds. It will also supply a listing of device analog voltages, device type and custom messages.

The TSP-40 operates from the MXL’s main power and will continue to function if the MXL transfers to standby batteries. This battery backed up operation assures event logging during an AC power loss without the need for a UPS.

The TSP-40 uses thermal printer paper and can operate in both normal and compressed character modes. System events such as Alarm and Troubles are indented and printed in caps for easy identification. System reports are printed in compressed (80 character) mode. All events and reports are printed with the time and date. The MMB also performs a printer test at midnight each day.

Engineer and Architect Specifications
Permanent history logging of all system events shall be provided by the TSP-40 thermal strip printer. The printer shall be mounted in a locked enclosure and printout shall be visible through an opening in the enclosure door. All printouts shall be automatically spooled onto a take up reel.

The printer shall operate from a 24 VDC supply and shall continue to operate from the system standby batteries in the event of main power loss. No UPS system shall be required for backup power.

The TSP-40 shall record all system events including operator commands and shall be capable of providing a printed list of system condition such as detector sensitivities, thresholds, analog voltages, device type, and custom messages. A trouble condition shall be generated when printer paper has run out. An internal buffer shall continue to store events when paper is out.
Mounting Data

Typical Wiring

Electrical Installation

The TSP-40 comes with two attached cables - a two-conductor power cable and six-conductor data cable. To complete the electrical installation:

1. Connect the six-conductor, data cable to P4 on the MMB-1.
2. If no MOM-4 is installed, connect the two-conductor power cable to P3 on the MMB-1.
3. If a MOM-4 is installed, connect the two-conductor power cable to P8 on the MOM-4.

NOTICE: The use of other than Cerberus Pyrotronics detectors and bases with Cerberus Pyrotronics control equipment will be considered a misapplication of Cerberus Pyrotronics equipment and as such void all warranties either expressed or implied with regards to loss, damage, liabilities and/or service problems.