T-Link TL300CF Kit Addendum

This addendum identifies specific Installation Instructions for the T-Link TL300CF Kit, it should be used in conjunction with the T-Link TL250/TL300 Installation Manual (part number 29007636).

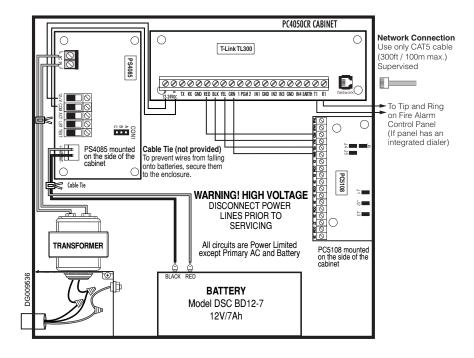
NOTE: Refer to Section 7.1 for wiring the T-Link TL300 to the alarm control panel.

Install the T-Link TL300 in the DSC enclosure (model PC4050CR) in the stand-alone configuration shown below. Connect the + and - terminals of the T-Link TL300 to the 12VDC/COM terminals of the PS4085 power supply. For PS4085 wiring details please refer to Figure 2, for mounting the PCBs to the cabinet see Figure 3.

NOTE: For ULC Central Station Fire Monitoring configurations please refer to ULC Installation Sheet part #29002157.

Figure 1 - Stand-alone Configuration with Optional Zone Expander

To expand from 4-zone inputs a PC5108 must be connected to the T-Link TL300. Connect the Keybus from the PC5108 Zone Expander to the Keybus of the T-Link TL300. **NOTE**: The PC5108 is optional and not included in the kit.



IMPORTANT!: INSTALL BATTERY & AC WIRING AS SHOWN. All circuits are classified for UL installations as Power Limited/Class 2 Power Limited except for the battery leads and primary AC wiring which are not power limited. Do not route any wiring over circuit boards. Maintain at least 1" (25.4mm) separation. A minimum 1/4" (6.4mm) separation must be maintained at all points between Power Limited wiring and all other Non-Power Limited wiring. Route wires as indicated in the diagram.

NOTE: For UL Commercial Fire Installations, connections between the fire alarm control panel outputs (telephone interface Tip/Ring or output relay contacts) and T-Link TL300 inputs (Tip/Ring, Z1-Z4) shall be run in mechanical protective conduit within 20ft and in the same room.

NOTE: Connection of metal-clad cable, conduit, metal raceway or the like is permitted as a means for grounding.

Figure 2 - PS4085 Power Supply Wiring Diagram

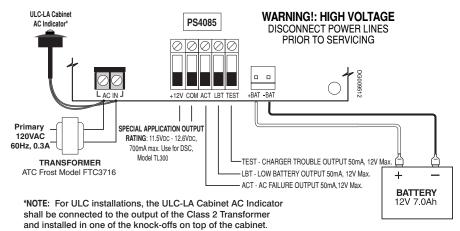
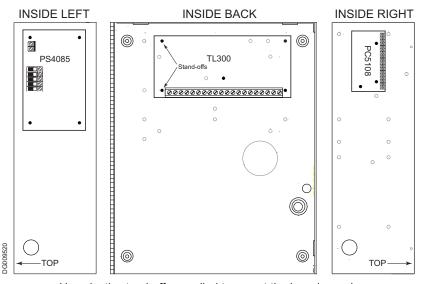


Figure 3 - Mounting Diagram



Use plastic stand-offs supplied to mount the boards as shown



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