

Installation Instructions

Model XLS-EXT-CABLE-PKG

Extension Data Bus, CAN and Ground Cables for MXL to XLS/Desigo Fire Safety Modular/Cerberus PRO Modular Migration

INTRODUCTION

The Model XLS-EXT-CABLE-PKG (S54430-K1-A1) is used with MXL to XLS/Desigo Fire Safety Modular/Cerberus PRO Modular Adapter Kits when extra cable length is needed to connect the 60-pin Data Bus and 6-pin CAN Bus cables. These extension cables are necessary for voice systems and may also be useful in other applications. Also included in the kit is a 20 inch, 12AWG ground wire to ground the inner door and three adhesive-backed cord clips for securing the cables between the enclosure and inner doors.

Use the XLS-EXT-CABLE-PKG with any of the following adapter kits:

- XLS-MLE6(R)-ADPT
- XLS-MME3(R)-ADPT
- XLS-MSE2(R)-ADPT

For additional information on the FireFinder-XLS/Desigo Fire Safety Modular/Cerberus PRO Modular System, refer to the FireFinder-XLS Control Panel Installation, Operation and Maintenance Manual, P/N 315-033744, the Desigo Fire Safety Modular Manual, Document ID A6V11231620, or the Cerberus PRO Modular Manual, Document ID A6V11231627, and the applicable adapter kit installation instructions.

Adapter Kit BLACK (Part Number)	Adapter Kit RED (Part Number)	Installation Instructions
XLS-MLE6-ADPT (S54430-C9-A1)	XLS-MLE6R-ADPT (S54430-C9-A2)	A6V10328630
XLS-MME3-ADPT (S54430-C8-A1)	XLS-MME3R-ADPT (S54430-C8-A2)	A6V10328632
XLS-MSE2-ADPT (S54430-C7-A1)	XLS-MSE2R-ADPT (S54430-C7-A2)	A6V10328634

WIRING



Remove all system power before installation, first battery then AC. (To power up, connect the AC first, then the battery.)

Cable Connections

(Refer to Figure 1.) The 58 inch, 60-pin Data Bus cable is used to connect from JP3 on the Operator Interface (OI) to P1 on the CC-5/CC-2. Use the 58 inch cable instead of the 40 inch long 60-pin cable, P/N 555-133743, that is shipped with the OI.

P1 is a 60-pin, male connector with connector extractors. To connect the data bus:

1. Open the connector ejectors out of the vertical position and away from the connector body.

2. Insert the female cable connector into the male connector (P1) on the cardcage motherboard. Gently press the cable connector into the motherboard connector. As the cable connector is pressed in, the connector ejectors will begin to move to the vertical position. When the cable connector is fully seated, the connector ejectors will be vertical.

The 58 inch, 6-pin CAN cable is used to supply CAN communications and power to the LED Control Modules (LCM-8), Switch Control Modules (SCM-8), Control Modules (FCM-6), Live Voice Module (LVM) and Fireman's Master Telephone (FMT). Use the 58 inch CAN cable instead of the 30 inch CCL CAN cable, P/N 555-634214, that is shipped with the LVM. The connector is keyed and requires no special instructions for cable connection. CAN power must be supplied to E11 (CC-5) or E5 (CC-2). Refer to Figure 1 for wiring details.

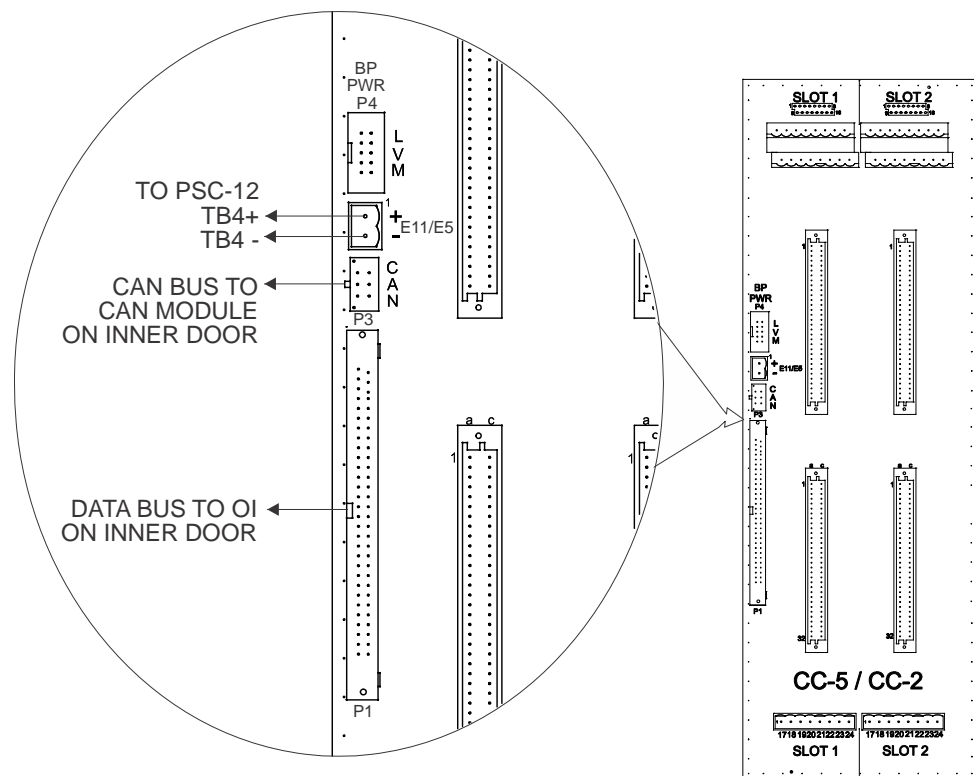


Figure 1
Connecting the Data Bus and Can Bus Cables

After the wiring connections have been made, be sure to secure the wiring from catching in doors with adhesive-backed cord clips and/or user-supplied ties, as needed.

Ground Wire Connection

(Refer to Figure 2.) Mount one end of the ground wire to one of the unused studs in the bottom right of the backbox that was used to mount the MXL power supply (MPS-6 or MPS-12). Secure in place between the two #10-32 nuts removed from the power supply mounting.

Mount the other end of the ground wire to the stud on the inner door shown in Figure 2. This stud on the bottom of the opening on the inner door will also be used to mount a OI, FMT, LED control module, switch control module, control module or blank plate. After the module or plate has been mounted, attach the end of the ground wire and secure it in place using the hardware for the module or plate.

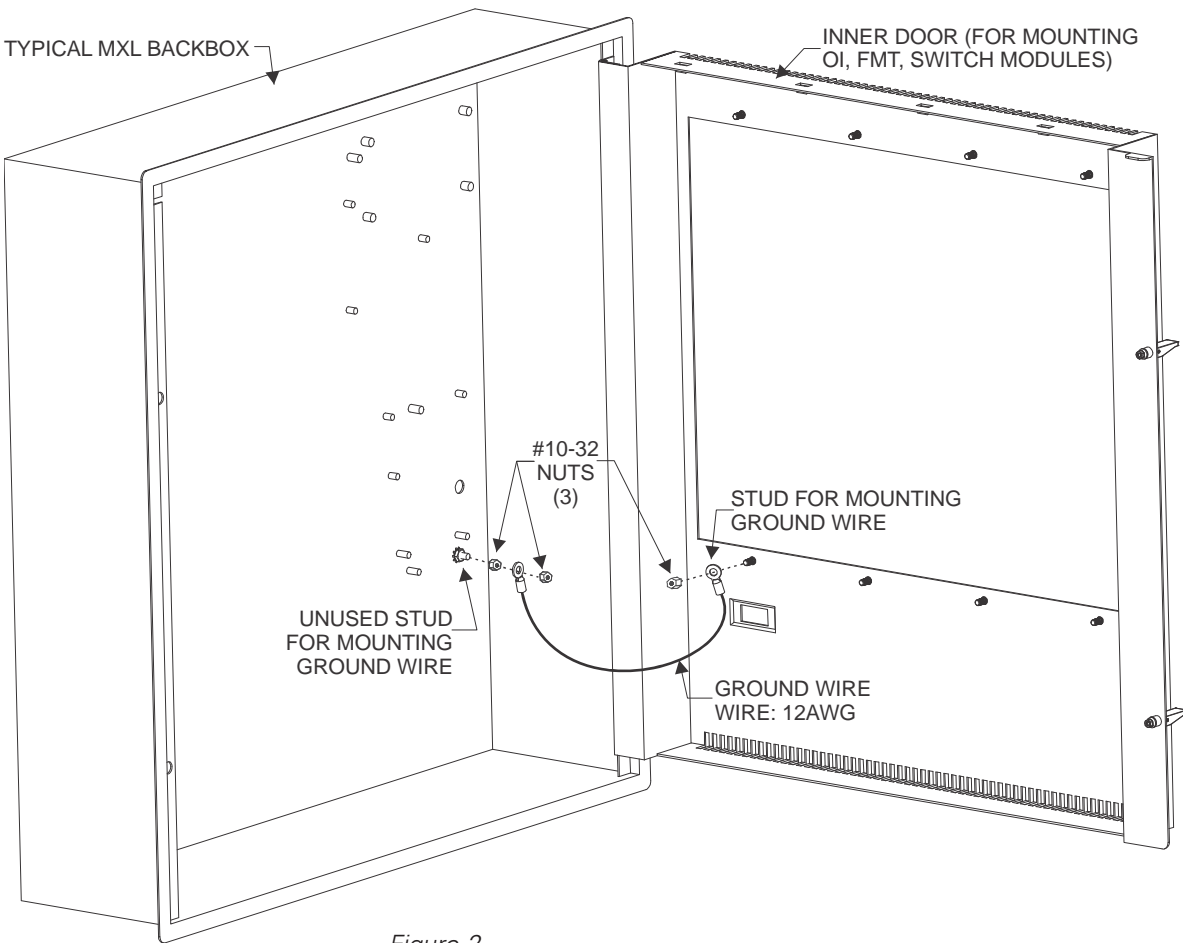


Figure 2
Ground Wire Mounting in Typical Enclosure

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For additional information on building technology security and our offerings, contact your Siemens sales or project department. We strongly recommend customers to follow our security advisories, which provide information on the latest security threats, patches and other mitigation measures.

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