



Model 25A00-1 & -2 ALC Interface

ALC INTERFACE

The Model 25A00-1 & -2 ALC Interface Module can be used with an HAI OmniLT or Omni II Series controller to control lights and appliances connected to ALC Switch Modules.

The Model 25A00-1 ALC Interface Module can control up to 31 ALC Switch Modules (1 Branch).

The Model 25A00-2 ALC Interface Module can control up to 124 ALC Switch Modules (4 Branches).

After installation, the controller's "Module Type" must be configured (see controller Installation Manual).

INSTALLATION ON OMNI LT

1. Remove each 6-32 x 1/4 Phillips screw marked "A" in Figure 1. As each screw is removed, replace with supplied 6-32 x 3/4 male/female Hex spacers marked "C" in Figure 2. Retain screws for future step.
2. Connect supplied cable to 20-pin connector J4 on controller marked "B" in Figure 1.
3. Place ALC Interface on top of the controller. Line up mounting holes marked "D" with Hex spacers marked "C" in Figure 2.
4. Reinstall 4 6-32 x 1/4 Phillips screws through mounting holes "D" in ALC Interface into Hex spacers "C" on the controller as shown in Figure 2.
5. Connect opposite end of supplied cable to 20-pin connector J1 on the ALC Interface marked "E" in Figure 2.
6. Be sure that the address jumper is in the correct position (corresponding with Expansion "Module Type" configured in controller), as shown in Figure 2 marked "F".

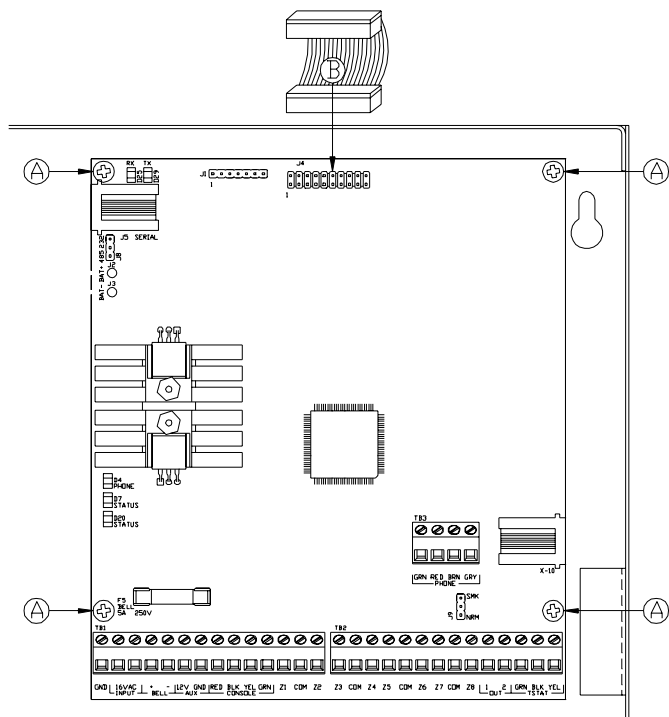


FIGURE 1

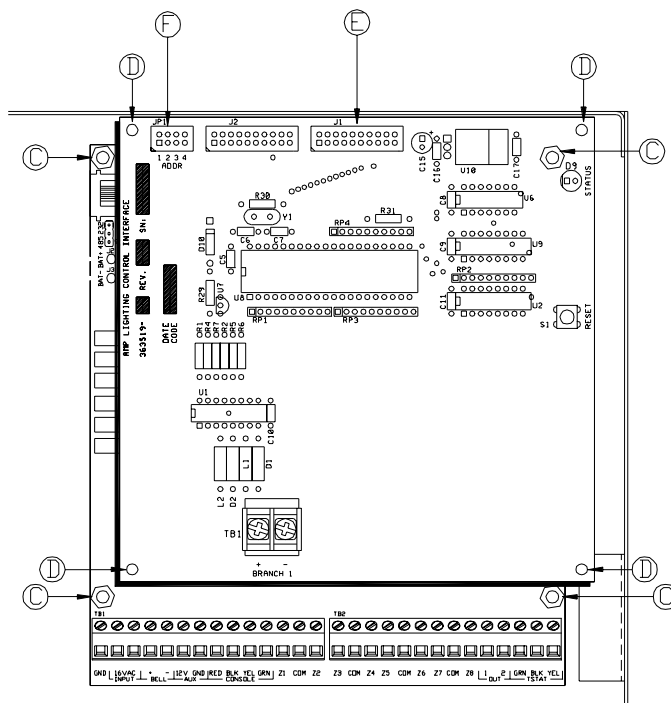


FIGURE 2

INSTALLATION ON OMNI II SERIES

1. Remove each 6-32 x 1/4 Phillips screw marked "A" in Figure 1. As each screw is removed, replace with supplied 6-32 x 3/4 male/female Hex spacers marked "C" in Figure 2. Retain screws for future step.
2. Connect supplied cable to 20-pin connector J8 on controller marked "B" in Figure 1.
3. Place ALC Interface on top of the controller. Line up mounting holes marked "D" with Hex spacers marked "C" in Figure 2.
4. Reinstall 4 6-32 x 1/4 Phillips screws through mounting holes "D" in ALC Interface into Hex spacers "C" on the controller as shown in Figure 2.
5. Connect opposite end of supplied cable to 20-pin connector J1 on the ALC Interface Module marked "E" in Figure 2.
6. Be sure that the address jumper is in the correct position (corresponding with Expansion "Module Type" configured in controller), as shown in Figure 2 marked "F".

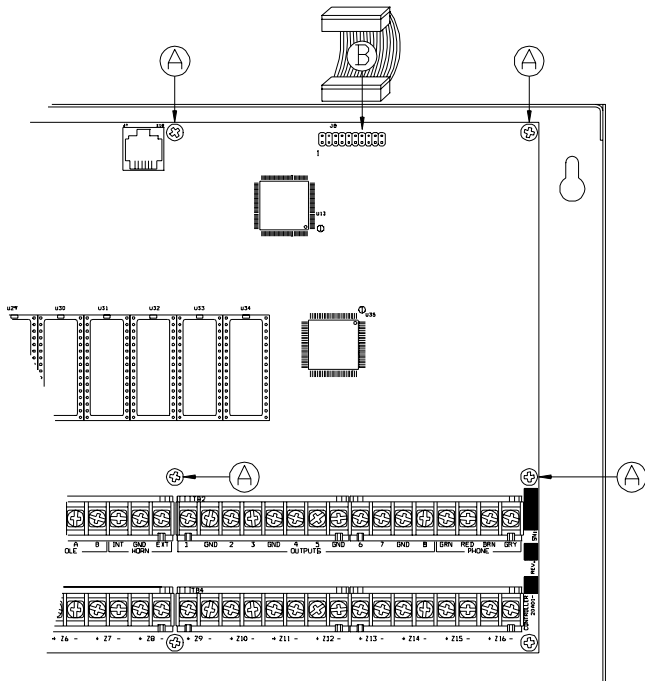


FIGURE 1

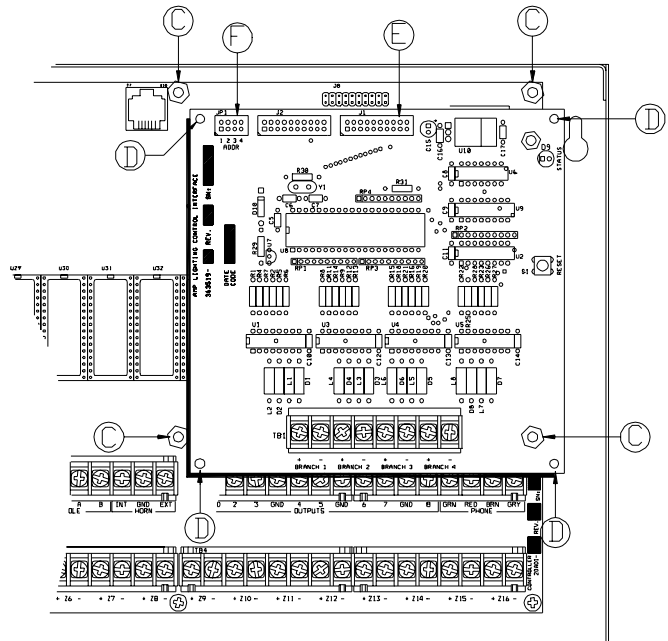


FIGURE 2

ALC SWITCH MODULES

The ALC Switch Modules are intended for installation in homes which have been pre-wired for installation of ALC system products. An ALC branch cable (twisted-pair 20 to 24 gauge, Cat 3 or better) and an uninterrupted source of 120 VAC must be present at each location. Additionally, an ALC Auxiliary Switch cable (3 conductor 20 to 24 gauge) may be present for dedicated multi-way switching applications. The ALC branch and Auxiliary Switch cables should be located above and outside each switch box.

For complete installation instructions, refer to the Instruction Sheet (408-4277) packaged with each ALC Switch Module.

SETTING A SWITCH ADDRESS

Each ALC Branch may include up to thirty-one (31) individually addressable ALC Switch Modules. Each Switch Module residing on a particular ALC Branch must have a unique address. Switch Modules residing on the same branch may NOT have the same address.

Note: Although ALC Modules can be addressed between 1-31, when used with OmniLT, the ALC Switch Modules must be addressed between 1-16 and can only be connected to Branch 1.



FIGURE 3

