

CABLE ROUGH-IN

Be sure to follow all state and local codes as well as good wiring practices such as maintaining minimum bend radius, separation from power, and proper cable retention. Label all cables at both ends using wire marker labels. In addition using different color cables for each application will simplify installation. When routing cables into the SAE be sure to leave excess length for termination and cable management.

NOTE: Excess cable length at the SAE should be equal to the length of the enclosure plus 1 foot.

NOTE: Run two RG-6 cables from the SAE to the planned location of dish antennas.

NOTE: Running a second CAT5e/6 cable from the telephone network interface (NID) to the SAE is recommended for future service applications.

1. Run cables from service provider's NID to the SAE.
2. Install cables from stationary hardware such as television antennas, satellite dishes, and security cameras.
3. Install cables from the SAE to all outlet locations.
4. Bundle and secure the excess cable within the enclosure.
5. Install the paint shield and seal with masking tape to protect enclosure and cables during construction and painting.

COVER INSTALLATION

Attach cover or door assembly to the SAE using the screws provided with the cover. If you are installing the cover without someone's assistance, insert nails into the top screw holes on the cover. Guide the nails into the screw holes of the SAE holding the cover in place while you insert the bottom two screws.

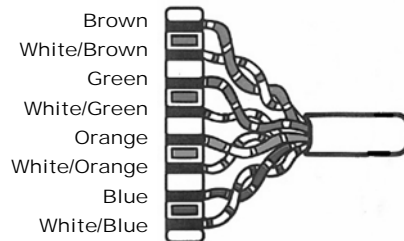
MODULE INSTALLATION

All SAMs are secured to the enclosure using plunger and grommet latches. The universal hole pattern in the SAE provides many configuration options. To determine the best configuration for your installation, arrange all of the modules you plan to use in the enclosure. Visualizing cable routes, connections between modules, and power wires, move and re-orient the modules to provide adequate room for termination and maintenance. Verify that all connections can be made without kinking, stretching, or violating minimum bend radius requirements.

1. Push module latches into the mounting holes in desired location making sure that all latch plungers are pulled out in the unlatched position.
2. Depress latch plungers to secure the module in selected position.
3. Make the required module connections as described by the module's instructions.

110 IDC TERMINATION PROCEDURE

Place wires into proper slots according to selected configuration. Starting at the blue-position on the 4-pair IDC, begin with the white wire of each pair as you progress to the brown-position on the IDC as shown below. Press wires into slots with punch tool. Trim excess wire with diagonal cutter.



ELECTRICAL ROUGH-IN

A qualified electrician should install all AC outlets in compliance with the NEC.

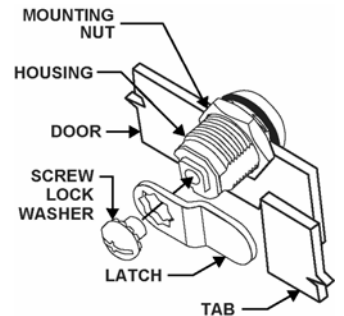
1. Remove the electrical outlet knockout at the bottom of the SAE.
2. Insert electrical outlet box from inside the enclosure, attach with sheet metal screws.
3. Route and secure nonmetallic power cable to the electrical outlet box.
4. Install receptacle and mount the cover plate.

Proper grounding of the SAE should be verified by a qualified electrician and comply with the National Electric Code (NEC). Connect appropriate ground wire to the SAE from the house electrical ground.

DOOR LOCK INSTALLATION

SAE-xxDC door assemblies will accept a key lock (SAE-LOCK) that may be purchased separately.

1. Remove door lock knockout from the door panel with a hammer and punch. Close door and strike from the outside.
2. Insert lock assembly orienting the latch towards the tab on the frame.
3. Secure lock assembly to the door panel with provided mounting nut.



BURGLAR-ALARM & FIRE WARNING SYSTEMS

Suttle's SOHO Access Enclosures may be configured to accommodate Household Burglar-Alarm Systems and Household Fire Warning Systems in accordance with UL985 and UL1023. The following installation requirements must be met for the SAE to comply with UL standards. Follow all instructions provided with the Household Burglar-Alarm System modules and Household Fire Warning System modules.

COMPLIANT ENCLOSURES

Enclosures with covers:
[SAE-xxDC, SAE-xxPC, SAE-xxDDC-xxxx]
Enclosures:
[SAE-xx]
Covers:
[SADC-xx, SAPC-xx, SADD-xxxx]

NOTE: Door covers must be installed with a door lock for compliance to UL985 & UL1023. Door locks (SAE-LOCK) are sold separately, go to <http://www.suttlesoho.com> to see our full line of SOHO Access Modules and accessories.

POWER-LIMITED CIRCUITS

Follow the UL Wiring Diagram provided with the Household Burglar-Alarm System modules and Household Fire Warning System module for required wire spacing and routing. Maintain a minimum of 1/4" space between Power-Limited and Non-Power-Limited wiring.

NOTE: Refer to the instructions provided with the Burglar-Alarm and/or Fire Warning module for specific installation instructions.

IMPORTANT INFORMATION

- Read and understand all instructions. Follow all warnings and instructions marked on the product.
- Do not use this product near water, -- e.g., near a bath tub, wash basin, kitchen sink, wet basement, or near a swimming pool.
- Never push objects of any kind into this product through openings, as they may contact dangerous voltages.
- SAVE THESE INSTRUCTIONS.

SAFETY INFORMATION

- Never install communications wiring or components during a lightning storm.
- Never install communications components in wet locations unless the components are designed specifically for use in wet locations.
- Never touch uninsulated wires or terminals unless the wiring has been disconnected at the network interface.