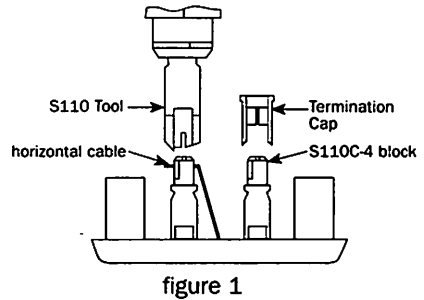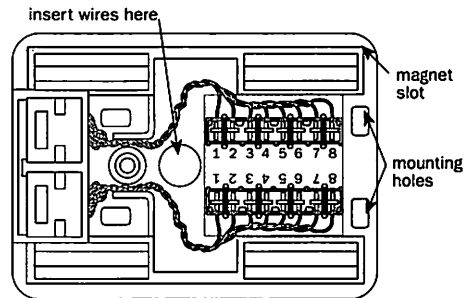# The Siemon Company
Instructions for the S104C4 Surface Mount Box

1. Remove cover of S104C4 Surface Mount Box by removing cover screw.

2. Remove mounting screws from inside of cover.

3. Route horizontal cable through wire trough (Figure 3) and/or hole in base (Figure 2) for termination to the S110C-4 blocks.

figure 1

4. Terminate horizontal cable on a firm surface according to wiring chart. Use a single position 110 punch down tool (Figure 1) or the termination caps* (provided). Be sure that the cutting edge of the tool is trimming excess wire. If the caps are used, wire ends must be trimmed. Route incoming wires between S110C-4 blocks to insure proper fit of cover on base.
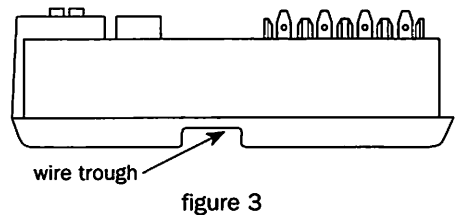
NOTE: Keep termination caps installed on S110C-4 blocks for future use.

figure 2

5a. Mount box on wall or other flat surface by inserting mounting screws (provided) through mounting holes in base (Figure 2). Secure cover with cover screw.
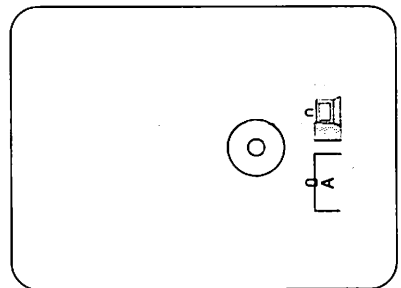
5b. If magnets are used, place in slots (Figure 2) and secure cover.

figure 3

NOTE: Magnets can be ordered separately as P/N S104-MAG4.

NOTE: Before affixing box to flat surface, make sure horizontal wires are free of sharp bends and fully inserted in the wire troughs (Figure 3) to insure transmission performance is not impaired.

6. Use icon tabs to color-code and/or label voice/data installations. Tabs can swing open to reveal an additional surface for identifying circuits (Figure 4).
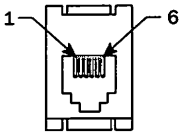

figure 4

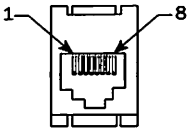CAUTION: Remove icon tabs by placing thumb or finger over tab and pry tab out with PROBE PIC or equivalent.

* When termination caps are used, it is recommended that only one wire pair be terminated at a time.

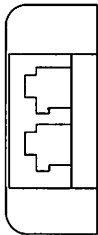# To assist safe installations, comply with the following:

A. Use caution when installing or modifying telecommunications circuits.

B. Never touch uninsulated wires or terminals unless the circuit has been disconnected.

C. Never install this device in a wet location.

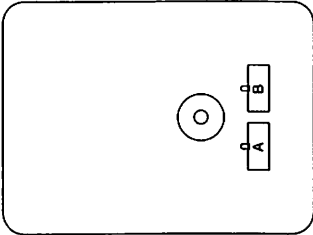**D.** Never install wiring during a lightning storm.
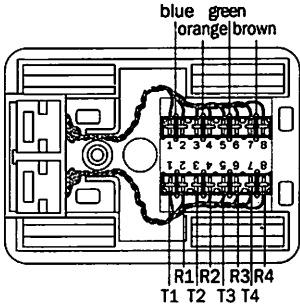
6-position jack

8-position jack

front of cover   top of cover   top of base

Wiring Chart		Modular Jack Pin Numbers							
Pair ID Tip/ Ring	S110 Block/ Horiz. Cable Color	USOC 1-Pair 6 Pos.	USOC 2-Pair 6 Pos.	USOC 3-Pair 6 Pos.	USOC 4-Pair 8 Pos.	T568B* 4-Pair 8 Pos.	T568A* 4-Pair 8 Pos.	Token 2-Pair 8 Pos.	Ethernet 2-Pair 8 Pos.
T1	White-Blue	4	4	4	5	5	5	5	1
R1	Blue-White	3	3	3	4	4	4	4	2
T2	White-Orange		2	2	3	1	3	3	3
R2	Orange-White		5	5	6	2	6	6	6
T3	White-Green			1	2	3	1		
R3	Green-White			6	7	6	2		
T4	White-Brown				1	7	7		
R4	Brown-White				8	8	8		

* T568A is equivalent to EIA/TIA wiring.
* T568B is equivalent to AT&T 258A.

(UL) Communication Circuit Accessory Listed 57S5

(CSA)® CSA 22.2 approved

THE
SIEMON COMPANY
Service and Innovation Since 1903

The Siemon Company
76 Westbury Park Road
Watertown, CT USA 06795-0400

Phone: (203) 274-2523
Fax: (203) 945-4225
4/93
100.2767