

DATA SET 105C
USED ON PRIVATE SERVICE SYSTEM
SWITCHING SYSTEM NO. 307
CONNECTIONS

1. CONNECTIONS

1.01 This section describes the service options and connections associated with the data set 105C. It does not cover the options and connections covering the teletypewriter, dual access switch circuit, or the 4-wire CO line circuit.

1.02 Wiring options and connections should be specified on the service order or the circuit layout card.

1.03 Wiring options and connections associated with the attendant circuit refer to CD- and SD-3D018-01.

1.04 Table A covers the screw switch settings for the data set 105C.

WARNING: A potential exists on all screw switches. Although voltage is low, injury could result from contact with switches. See Fig. 1, Section 591-020-100.

Caution: Extreme care should be used to avoid stripping threads in the plastic strip when tightening screws. Only specified switches should be operated.

TABLE A

DATA SET 105C FUNCTIONS AND SCREW SWITCH SETTINGS

FUNCTION	Screw Switch Setting	
	Open	Closed
Half Duplex	B6	B5
Full Duplex	B5	B6
Normal Operation		A1, A3, A5, A7, A9, A11, A13
Receive without Regeneration	A15, A17	A16
Receive with Regeneration	A16	A15, A17
Automatic Answer		B9
Manual Answer	B9	

1.05 Use Table B to adjust data set sensitivity.

TABLE B

DATA SET SENSITIVITY LEVELS OF DEMODULATOR UNIT

Reduction in DB	Close Screw Switches
0	D1*
2	D3*
4	D4*
6	D6*
8	None

*Located on DEMODULATOR unit.

TABLE C

ATTENDANT CIRCUIT WIRING OPTIONS

Feature or Option	Provide		
	Fig.	Wiring Option	Quantity
Station not equipped for precedence calls	1*	Y	One Per Ckt
Station equipped for precedence calls	1, 2*	X	One Per Ckt

* See CD- and SD-3D018-01