DIMENSION® PBX

EMERGENCY TRANSFER PANEL

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1. GENERAL

1.1 This feature provides service to and/or from the exchange network for a limited number of prearranged stations during a power failure. One 609-type Emergency Transfer Panel provides for the transfer of 10 trunks. When a power failure or circuit pack(s) failure in common control circuitry occurs, each central office trunk is connected directly to the predesignated station line, bypassing the CSS 201 and removing all restrictions and system features. Emergency transfer is not available for DID trunks.

2. MOUNTING

2.1 At the cross connect field mount 609-type Emergency Transfer Panel(s) in area designated on Telephone Company cross connect field sketch.

2.2 The standard type emergency transfer panel is the 609B-type, which has two 66K1 connector blocks. The 609A Emergency Transfer Panel, which has three 66T1 connector blocks, has been replaced by the 609B panel. Connections are shown for 609A and 609B-type panels. Determine type of panel being provided before wiring begins.

3. WIRING AND CABLING

3.1 At cross connect field locate connector block which has cable 00CX01 or AP-7 terminated on it. Run the following leads to the first 609-type panel. Use figure 1 or 2 as required.

FROM			609A		609B	
RUN	LEAD		TERMINAL BLOCK	TERMINAL	TERMINAL BLOCK	TERMINAL
1	Building Ground (See Note 1)		C	45	B	15A
2	CX01 BL-Y (Grd -48V)		C	1	B	12A
3	Grd -48V Mult	From	C	1	B	12A
		To	C	3	B	14A
4	CX01 BL-V (-48V)		C	2	B	13A

FIG. 1 - CSS 201S

FROM			609A		609B	
RUN	LEAD		TERMINAL BLOCK	TERMINAL	TERMINAL BLOCK	TERMINAL
1	Building Ground (See Note 1)		C	45	B	15A
2	AP-7 V-S (DGRD)		C	1	B	12A
3	DGRD Mult	From	C	1	B	12A
		To	C	3	B	14A
4	AP-7 S-V (-48PX)		C	2	B	13A

FIG. 2 - CSS-201L

3.2 If additional panels are provided mult leads shown in runs 1, 2 and 4 above and add strap in run 3 for each panel.

3.3 Install cross connections provided by the Telephone Company for Emergency Transfer. The following cross connections are required.

	FROM	TO
LOCATION	BACKBOARD	
Station	Blue (Station Eqpt)	609 Panel
CSS Line Ckt	Purple (PBX Lines)	609 Panel
Co. Grd Start Trk	Green (Co. Trks)	609 Panel
CSS Trk Ckt	Purple (CSS Trks)	609 Panel

3.4 Connector terminals at the cross connect field and 609 panel are shown in the cross connect information provided by the Telephone Company.

3.5 The power failure transfer panel is now installed and cross connected.

Note 1: A ground conductor must be provided from an approved ground source (water pipe, building steel frame, or AC power ground) to the emergency transfer panel (609 type). A No. 14AWC conductor may be used if sufficient mechanical protection of the conductor is provided. This ground conductor provides ground start for each station set having power failure transfer service.

Manager, Denver PBX PECC