

PANELS
583- AND 584-TYPES
IDENTIFICATION AND INSTALLATION

1. GENERAL

1.01 This appendix supplements Section 518-270-101.

1.02 It is issued to add information on two prewired panels recently standardized for use in the Pacific Company. (See Figs. 1 and 2.)

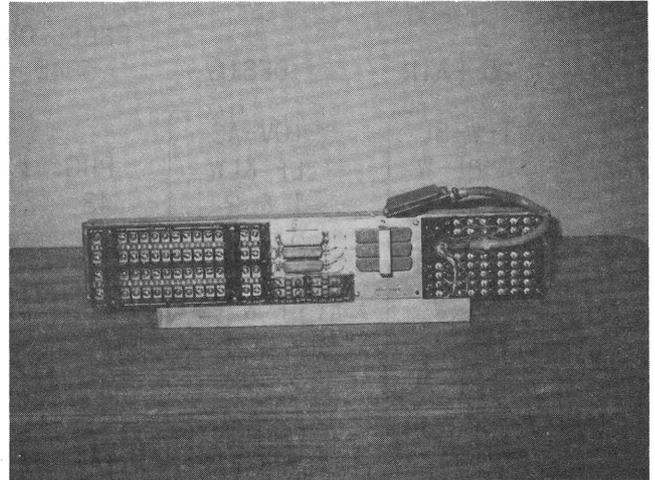
2. DESCRIPTION AND WIRING

2.01 Panel 584B P130 is a standard 13 central office or PBX line 584B Panel that accepts the 400-type Key Telephone Units. The panel is equipped with a shop-wired 25-pair amphenol connector-ended power cable, one foot long. The power cable is wired to provide ac and dc power to the panel using the A option. (See Table A for strapping sheet.) The wiring conforms with Section 518-270-401.

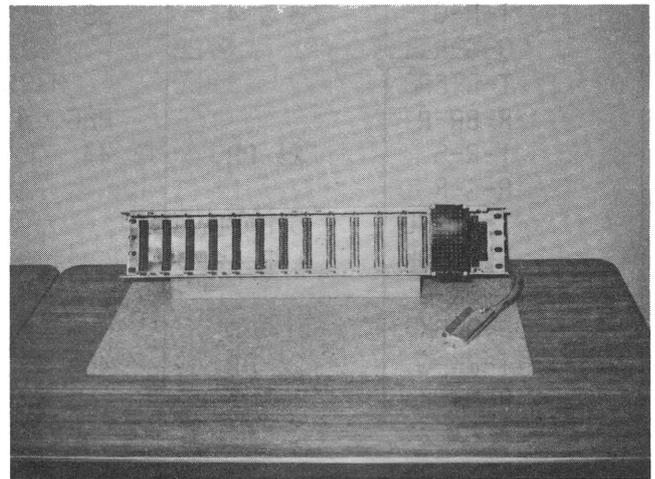
2.02 Panel 584B P131 has the same features as the P130. In addition, it comes equipped with a 6 x 13 selectro matrix board. The matrix is mounted on a selectro matrix mounting bracket that is inserted into the 13-line unit receptacle of the panel. With the matrix in place, the panel will accept 12 400-type Key Telephone Units. (See Table B for strapping sheet.)

Note: To permit removal of the interrupter, sufficient slack wiring must be allowed for removing the matrix bracket from the receptacle. (Order interrupter or 412A KTU separately.)

2.03 Connector cables are used to extend the power cable to the existing power supplies or to prewired power plants.



P130
Fig. 1



P131
Fig. 2

Table A

POWER CABLE FOR 584B PANEL
USING 25-PAIR AMPHENOL

| 25 PAIR | DESIG | PHGS. ON 584B | COLOR 25 PAIR | DESIG | PHGS. ON 584B PANEL |
|--|-------------------------------------|------------------|--|---------------|------------------------|
| T-W-BL R-BL-W T-W-O R-O-W | 10V-AC LF & LW 1 & 2 5 AMP | PHG. # 43 | R-BK-BR R-BR-BK T-BK-S R-S-BK | MOTOR GRD | PHG. # 12-33 |
| T-W-G R-G-W T-W-BR R-BR-W | 10V-AC LF & LW 3 & 4 5 AMP | PHG. # 45 | T-Y-BL R-BL-Y T-Y-O R-O-Y | MOTOR BATT | PHG. # 13 |
| T-W-S R-S-W T-R-BL R-BL-R | 10V-AC LS 1 & 2 | PHG. # 36 | T-Y-G R-G-Y T-Y-BR R-BR-Y | A-GRD | PHG. # 35 |
| T-R-O R-O-R T-R-G R-G-R | 10V-AC LS 3 & 4 | PHG. # 38 | T-Y-S R-S-Y T-V-BL R-BL-V | A-BATT | PHG. # 34 |
| T-R-BR R-BR-R T-R-S R-S-R | 2½ PR. | PHG. # 44 | T-V-O R-O-V T-V-G R-G-V | B-GRD | PHG. # 42 |
| T-BK-BL R-BL-BK T-BK-O R-O-BK T-BK-G R-G-BK | 5 PAIR LMP. GRD 2½ PR. | PHG. # 46 | T-V-BR R-BR-V T-V-S R-S-V | B-BATT | PHG. # 41 |

Table B

| AUDIBLE SIGNAL LINE CIRCUIT | | | | |
|-----------------------------|---------------|--------------|-------|---------------------|
| FEATURE | LEAD DESIG | TERM 584B | | SEAELECTRO BOARD |
| Line 1 | RC | J1-1 | STRAP | L-1 |
| Line 2 | RC | J2-1 | STRAP | L-2 |
| Line 3 | RC | J3-1 | STRAP | L-3 |
| Line 4 | RC | J4-1 | STRAP | L-4 |
| Line 5 | RC | J5-1 | STRAP | L-5 |
| Line 6 | RC | J6-1 | STRAP | L-6 |
| Line 7 | RC | J7-1 | STRAP | L-7 |
| Line 8 | RC | J8-1 | STRAP | L-8 |
| Line 9 | RC | J9-1 | STRAP | L-9 |
| Line 10 | RC | J10-1 | STRAP | L-10 |
| Line 11 | RC | J11-1 | STRAP | L-11 |
| Line 12 | RC | J12-1 | STRAP | L-12 |
| Line 13 | RC | J13-1 | STRAP | L-13 |

| COMMON AUDIBLE SIGNAL CIRCUIT | | | | |
|-------------------------------|---------------|---------------------|---------------|---------------------|
| FEATURE | LEAD DESIG | CABLE G-W BINDER | 584B PANEL | SEAELECTRO BOARD |
| CB 1 | RG | Y-BL | J1-3 | 1 |
| | RC | BL-Y | | |
| CB 2 | RG | Y-O | J2-3 | 2 |
| | RC | O-Y | | |
| CB 3 | RG | Y-G | J3-3 | 3 |
| | RC | G-Y | | |
| CB 4 | RG | Y-BR | J4-3 | 4 |
| | RC | BR-Y | | |
| CB 5 | RG | Y-S | J5-3 | 5 |
| | RC | S-Y | | |
| CB 6 | RG | V-BL | J6-3 | 6 |
| | RC | BL-V | | |

| LEAD DESIG | CABLE G-W BINDER | SCREW TERMINAL ON 584B PANEL (WIRE WRAP SIDE) |
|---------------|---------------------|--|
| GEN | V-S | 25 |
| GRD | S-V | 31 |
| 105 - | | |

BSP Reference: 518-270-401