

ENGINEERING NOTES

- 51. INFORMATION FURNISHED PER THIS DRAWING IS IN ACCORDANCE WITH LUCENT TECHNOLOGIES PRACTICES-NONE.
- 52. THIS DOCUMENT CONTAINS COMPLETE ENGINEERING INFORMATION FOR THE SUBJECT EQUIPMENT. JOB INFORMATION SHALL BE RECORDED BY LIST OR GROUP.
- 53. FOR MOUNTING PLATE DRILLING DATA NOT APPARENT IN STOCKLIST, SEE MOUNTING PLATE DRILLING INFORMATION.

ISSUE NOTES (CONTINUED)

(H8322) IN TABLE A GROUPS 1 THRU 8, AND A,B ARE RATED "DA". CHANGE TITLE BOX ON SHEETS C1,C2 FROM AT&T TO LUCENT AND RATE FIG.1 AND 2 "DA" RESPECTIVELY.

ORIG ISS: 07/08/85 NDD NBR: NDD5D586NW-1 CHANGE CLASS: B

DRAFT: WFB ENGR: WFB SUPV: RMB CERTIFIED: 04/23/99 ISSUE: 12

(H8322) SHEETS C1 AND C2 UPDATED DUE TO ERROR ON POSTSCRIPT FILE.

ORIG ISS: 07/08/85 CHANGE CLASS: ME

DRAFT: PWV ENGR: PWV SUPV: BMB CERTIFIED: 04/30/99 ISSUE: 13

ISSUE NOTES

FIG. 1 MONITOR & KEYS LABEL CI-0 WAS C10, CI-1 WAS C11. CN0230NW

ORIG ISS: 07/08/85 CHANGE CLASS: A

DRAFT: DSL ENGR: JRK SUPV: CERTIFIED: 06/16/86 ISSUE: 4

SL ITEM 1010 IDENT WAS 104053087. FIG 2 & VIEW A-A CHANGED ACCORDINGLY. CN0226NW

ORIG ISS: 07/08/85 CHANGE CLASS: A

DRAFT: DSL ENGR: JRK SUPV: CERTIFIED: 06/16/86 ISSUE: 5

LISTS 6 & 7, SL ITEMS 1500 THRU 1610 ADDED. THE FOLLOWING ARE POINT ISSUE CHGS. SL ITEMS 1290,1300 RMVD. LISTS 2,5 ADDED TO SL ITEMS 1160,1170,1380,1390. LIST 5 ADDED TO SL ITEMS 1450 THRU 1490. LISTS 3 & 4 RMVD FROM ITEMS 1450 & 1460. ITEMS 1445 AND 1446 ADDED.

ORIG ISS: 07/08/85 CHANGE CLASS: B

DRAFT: DSL ENGR: JRK SUPV: CERTIFIED: 10/26/87 ISSUE: 6

SL ITEM 1095 ADDED. FIG.1 CHGD ACCORDINGLY. 1090 LIST COL WAS 1,3,5. 1440 IDENT COL G1 WAS G7. THE FOLLOWING ARE POINT ISSUE CHANGES: 1445 & 1446 LIST WAS 1,2,5, QTY WAS 3. ITEMS 1447,1448, 1449, 1451 ADDED. FIG.2 CABLE PATH CHGD PER OC REQ.

ORIG ISS: 07/08/85 CHANGE CLASS: A

DRAFT: DSL ENGR: JRK SUPV: CERTIFIED: 06/09/88 ISSUE: 7

LIST 8, SL ITEMS 1620,1630 ADDED.

ORIG ISS: 07/08/85 CHANGE CLASS: B

DRAFT: DSL ENGR: JRK SUPV: CERTIFIED: 06/17/88 ISSUE: 8

SL ITEMS 1520 & 1590 IDENT WAS ED5D586-12,G9. LED'S ADDED TO FIG. 1.

ORIG ISS: 07/08/85 CHANGE CLASS: A

DRAFT: DSL ENGR: JRK SUPV: CERTIFIED: 09/09/88 ISSUE: 9

DISTRIBUTION CODE INVALID, READ 7T13. PER PROP CODE, CHG'D TO BT13. POINT ISSUE CHG. IN STOCKLIST LINED OUT ITEMS 1470,1480 AND 1490, ADDED ITEMS 1471,1481 AND 1491. MODIFIED FIGS. 1 AND 2.

ORIG ISS: 07/08/85 CHANGE CLASS: MF

DRAFT: JAP ENGR: JAP SUPV: PK CERTIFIED: 05/19/94 ISSUE: 10

(CN64517) IN TABLE A ADDED GROUP B. IN STOCKLIST ADDED ITEM 1700.

ORIG ISS: 07/08/85 CHANGE CLASS: A

DRAFT: JAP ENGR: JAP SUPV: RGM CERTIFIED: 08/15/96 ISSUE: 11

SHEET INDEX

SHT NBR	A1 THRU A2		ISSUE 13																	
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BT13	
5ESS SWITCHING EQUIPMENT SPECIFICATION FOR MULTI MODULE RSM ALARM & STATUS UNIT	
DWG SIZE C2	ISSUE 13
LUCENT TECHNOLOGIES INC ED5D586-10	
SHEET A1 OF 6	

TABLE A-FEATURES

EQUIPMENT		EQUIPMENT OR CIRCUIT DATA							SD EQUIVALENT		
DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
ASSEMBLY, APPARATUS AND WIRING FOR A MULTI MODULE REMOTE SWITCHING MODULE ALARM AND STATUS UNIT. DA EFF:04/23/99 FE/RA:NONE		DA	1	1	ED5D586-10	1					
ASSEMBLY, APPARATUS AND WIRING REQUIRED TO PROVIDE ONE STAND ALONE MONITOR CIRCUIT. DA EFF:04/23/99 FE/RA:NONE		DA	2	1	ED5D586-10	2					
ASSEMBLY, APPARATUS AND WIRING REQUIRED FOR A MULTI MODULE REMOTE SWITCHING MODULE(WALL MOUNT) ALARM AND STATUS UNIT. DA EFF:04/23/99 FE/RA:NONE		DA	3	1	ED5D586-10	3					
ASSEMBLY, APPARATUS AND WIRING REQUIRED TO PROVIDE ONE STAND ALONE MONITOR CIRCUIT. (WALL MOUNT) DA EFF:04/23/99 FE/RA:NONE		DA	4	1	ED5D586-10	4					
ASSEMBLY, APPARATUS AND WIRING FOR A ALARM AND STATUS UNIT. DA EFF:04/23/99 FE/RA:NONE		DA	5	1	ED5D586-10	5					
APPARATUS REQUIRED IN ADDITION TO LISTS 1 OR 3 WHEN THE ASU IS USED WITH MCTU2 (J5D003LA-1). PROVIDES ONE 272A CIRCUIT MODULE AND ASSOCIATED CABLING. DA EFF:04/23/99 FE/RA:NONE		DA	6			6					
APPARATUS REQUIRED IN ADDITION TO LISTS 2 OR 4 WHEN THE ASU IS USED WITH MCTU2 (J5D003LA-1). PROVIDES ONE 272A CIRCUIT MODULE AND ASSOCIATED CABLING. DA EFF:04/23/99 FE/RA:NONE		DA	7			7					
APPARATUS REQUIRED IN ADDITION TO LISTS 1,2,3 OR 4 WHEN THE ASU IS USED IN ORM OR TRM APPLICATIONS THAT ARE EQUIPPED WITH MCTU (J5D003EC-1) OR SMPU2 (J5D003AY-1). DA EFF:04/23/99 FE/RA:NONE		DA	8	1	ED5D586-10	8					
EQUIPMENT REQUIRED IN ADDITION TO LIST 1 OR 2 OR 5 WHEN THIS UNIT IS EQUIPPED IN NON IMPROVED 6 FOOT HIGH CABINET. (ED-5D184-70). DA EFF:04/23/99 FE/RA:NONE		DA	A								
EQUIPMENT REQUIRED IN ADDITION TO GROUP 1,2,3,4,6 OR 7. (PROVIDES LABEL) DA EFF:04/23/99 FE/RA:NONE		DA	B								
END OF TABLE-A											

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BT13

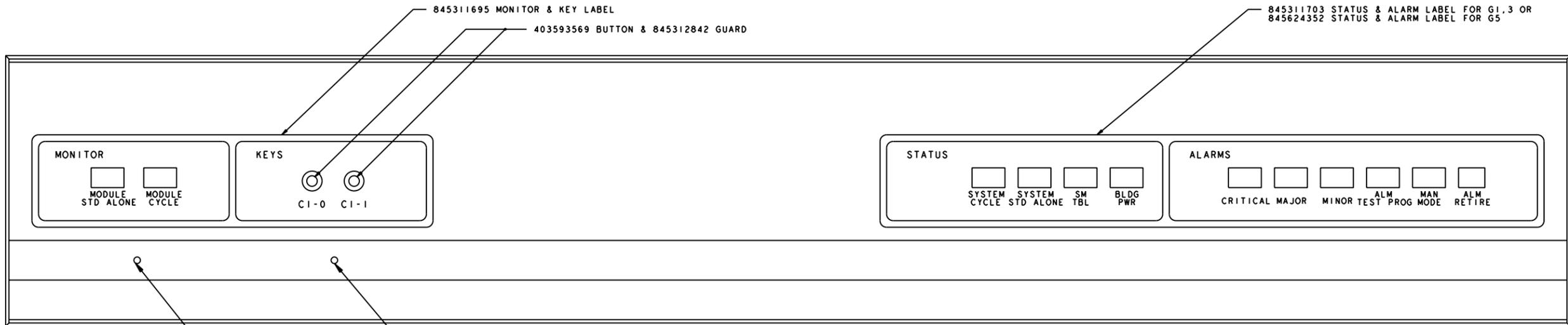
5ESS SWITCHING EQUIPMENT
SPECIFICATION FOR
MULTI MODULE RSM
ALARM & STATUS UNIT

DWG SIZE C2 ISSUE 13

LUCENT TECHNOLOGIES INC ED5D586-10

SHEET A2 OF 6

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845311695 MONITOR & KEY LABEL

403593569 BUTTON & 845312842 GUARD

845311703 STATUS & ALARM LABEL FOR G1.3 OR
845624352 STATUS & ALARM LABEL FOR G5

MONITOR

MODULE STD ALONE
MODULE CYCLE

KEYS

CI-0 CI-1

STATUS

SYSTEM CYCLE SYSTEM STD ALONE SM TBL BLDG PWR

ALARMS

CRITICAL MAJOR MINOR TEST ALM PROG MODE MAN ALM RETIRE

FIG. 1 "DA"

406089821
~~402600186~~
LIGHT EMITTING DIODE
RED 5490
(SEE NOTE 13)

406089847
~~402600202~~
LIGHT EMITTING DIODE
YELLOW 549F
(SEE NOTE 13)

PROJ-EOEDFORM.FRM-FEB-96

ED5D586-10

COPYRIGHT 1996 LUCENT, ALL RIGHTS RESERVED		
ALARM AND STATUS UNIT	THIRD ANGLE PROJN 	
	DWG SIZE C2	ISSUE 13
LUCENT TECHNOLOGIES	ED5D586-10	SHEET NO. C1
MODEL NAME		

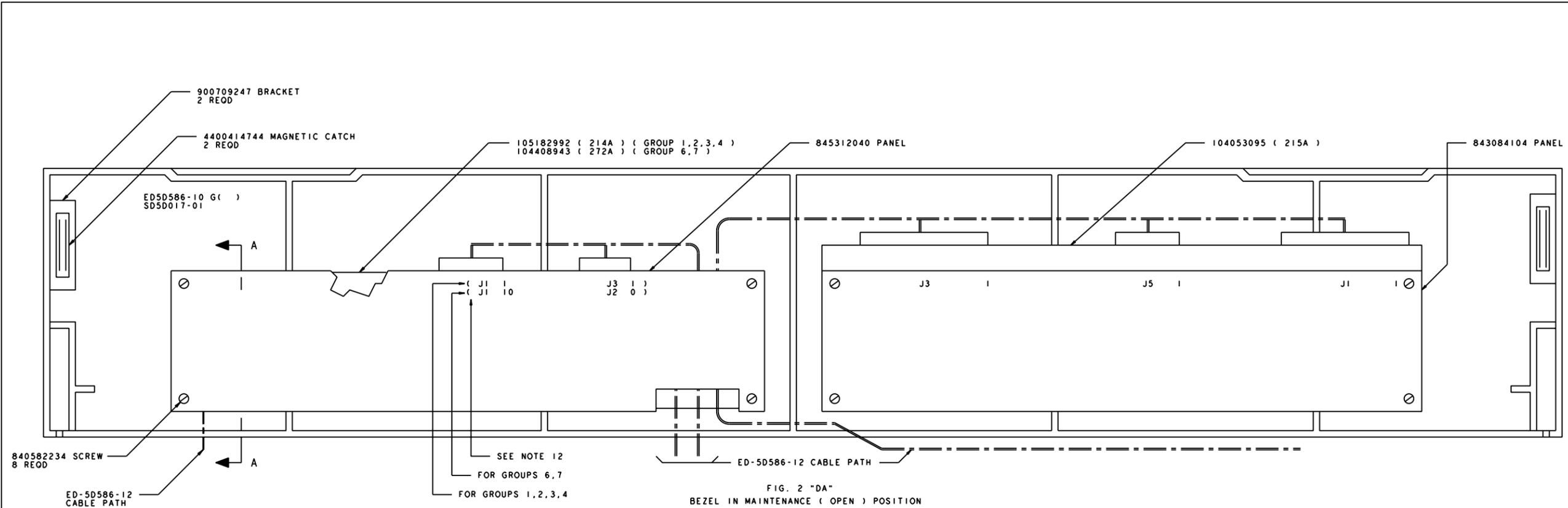
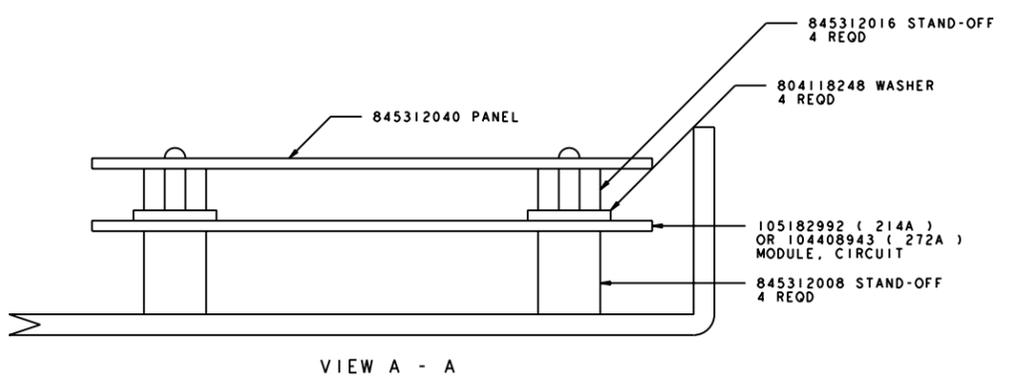


FIG. 2 "DA"
BEZEL IN MAINTENANCE (OPEN) POSITION



PROJ-EOEDFORM.FRM-FEB 96

ED5D586-10

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ALARM AND STATUS UNIT		THIRD ANGLE PROJN	
DWG SIZE C2		ISSUE 13	
LUCENT TECHNOLOGIES		SHEET NO. c2	
ED5D586-10		MODEL NAME	

STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1000	1,3,5	1	104053095	215A	MODULE, CIRCUIT			
1010	1,2,3,4	1	105182992	214A	MODULE, CIRCUIT			
1020	1,3	8	804118248	P411824	WASHER			
1030	2,4,5	4	804118248	P411824	WASHER			
1040	1,3	8	845312008		STAND OFF			
1050	2,4,5	4	845312008		STAND OFF			
1060	1,3	8	845312016		STAND OFF HEXAGON			
1070	2,4,5	4	845312016		STAND OFF HEXAGON			
1080	1,2,3,4	1	845311695		LABEL MONITOR KEY			
1090	1,3	1	845311703		LABEL STATUS/ALARM			
1095	5	1	845624352		LABEL, STATUS/ALARM			
1100	1,3	1	845312024		BEZEL			
1110	1,3	1	ED5D586-12,G1		ASSEMBLY, CABLE			
1120	1,3	1	ED5D586-12,G2		ASSEMBLY, CABLE			
1130	1,3	1	ED5D586-12,G3		ASSEMBLY, CABLE			
1140	1,3,5	1	ED5D586-12,G6		ASSEMBLY, CABLE			
1150	1,5	1	845312040		PANEL			
1160	1,2,5	2	900709247		BRACKET, MOUNTING #02-16-101-11 SOUTHCO MFG OR EQUIVALENT			
1170	1,2,5	2	400414744		CATCH, MAGNETIC #02-10-101-10 SOUTHCO INC. OR EQUIVALENT			
1180	1,5	1	843084104		PANEL			
1190	2,4	1	845312032		BEZEL			
1200	2,4	1	ED5D586-12,G3		ASSEMBLY, CABLE			
1210	2,4	1	ED5D586-12,G4		ASSEMBLY, CABLE			
1220	2	2	843084104		PANEL			
1230	3,4	2	845312081		PANEL			
1240	3,4	2	845312057		HANGER			*/
1250	3,4	1	405003500		BLOCK, TERMINAL #JC6-S202-04 REED DEVICES INC. OR EQUIVALENT			*/
1260	1,2,5	4	814251823	P42E182	WASHER, PLAIN .112 STEEL 289A FINISH			
1270	1,2,5	4	802107987	P210798	SCREW, FLAT HEAD MACHINE .112-40 X 1/2 STEEL 289A FINISH			
1280	1,2,5	4	802108282	P210828	NUT, HEXAGON HEAD .112-40 STEEL			
1310	1,2,3,4,5	8	840058234		SCREW, PAN HEAD MACHINE .112-40 X 3/16 STEEL 289A FINISH			
1320	3,4	2	840047443		SCREW, PAN HEAD MACHINE .164-32 X 1/2 SWAGEFORM			*/
1330	3,4	4	900119058		SCREW, SLOTTED PAN HEAD TAPTITE .164-32 X 1/2" STEEL NO. 289A FINISH CONTINENTAL SCREW CO.			*
1340	5	1	845312073		BEZEL			
1350	A	2	845311984		BRACKET			*/
1360	A	OMIT 1	845312065		BRACKET, STRIKE			*/

STOCKLIST CONTINUED ON SHEET D2

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MANUFACTURING NOTES

1. X PARTS REQUIRED FOR INSTALLATION.

X/ PARTS REQUIRED FOR MANUFACTURE WHEN EQUIPMENT IS SHOP MOUNTED OR BY THE INSTALLER WHEN THE EQUIPMENT IS TO BE FIELD MOUNTED.

* PARTS THAT ARE TO BE SHIPPED ATTACHED TO OR ENCLOSED IN THE SAME CONTAINER WITH THE ASSOCIATED ASSEMBLED ITEM.

*/ PARTS (A) REQUIRED FOR MANUFACTURE WHEN EQUIPMENT INVOLVED IS SHOP MOUNTED OR (B) TO BE SHIPPED ATTACHED TO, OR ENCLOSED IN THE SAME CONTAINER WITH THE ASSOCIATED ASSEMBLED ITEM WHEN FIELD MOUNTED.

() INDICATES DESIGNATIONS TO BE STAMPED IN ACCORDANCE WITH JOB INFORMATION.

{ } INDICATES DESIGNATIONS SHOWN FOR INFORMATION ONLY AND ARE NOT TO BE STAMPED.

< > INDICATES DESIGNATIONS AND/OR INFORMATION PROVIDED IN ACCORDANCE WITH OTHER INFORMATION.

"W" PARTS ASSEMBLED AT THE SAME TIME THE EQUIPMENT IS MOUNTED.

"**" PARTS TO BE (A) SHOP ASSEMBLED, BUT WHICH CANNOT BE ASSEMBLED UNTIL THE ASSOCIATED EQUIPMENT IS BEING MOUNTED, OR (B) SHIPPED ATTACHED TO, OR ENCLOSED IN THE SAME CONTAINER WITH THE ASSOCIATED EQUIPMENT WHEN FIELD MOUNTED.

"S" PARTS NOT ASSEMBLED, SHIPPED SEPARATELY.

A/R AS REQUIRED.

"B" PARTIAL ASSEMBLIES ON OTHER DRAWINGS WITH STOCKLISTS.

X 12. STAMP JUNCTION NUMBERS AND PIN LOCATIONS IN 3/16 IN. (BLACK) CHARACTERS.

X 13. LED SOCKETS & LED'S TO BE PROVIDED FOR ALL NON-X APPLICATIONS.

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BT13

5ESS SWITCHING EQUIPMENT
SPECIFICATION FOR
MULTI MODULE RSM
ALARM & STATUS UNIT

DWG SIZE C2 ISSUE 13

LUCENT TECHNOLOGIES INC ED5D586-10

SHEET D1 OF 6

STOCKLIST									
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE		
							SYM	NBR	
1370	A	OMIT 1	845311992		BRACKET, LEFT		*/		
1380	1,2,5	1	845312065		BRACKET, STRIKE		*/		
1390	1,2,5	1	845311992		BRACKET, LEFT		*/		
1410	1,2,3,4	2	845312842		GUARD, SWITCH				
1420	1,2,3,4	2	403593569		BUTTON #C-22 BLACK ALCOSWITCH CO OR EQUIVALENT				
1430	5	1	ED5D586-12,G5		ASSEMBLY, CABLE				
1440	5	1	ED5D586-12,G1		ASSEMBLY, CABLE				
1445	1	4	403028368		MOUNT, CABLE TIE #ABMM-A-C .75 X .75IN. STRAP MOUNT 4 WAY ENTRY ADHESIVE BACKEDINDOOR PANDUIT CORP.				
1446	1	4	403969579	KS20986L4	TIE, CABLE SINGLE LIGHT OLIVE GRAY				
1447	2	2	403028368		MOUNT, CABLE TIE #ABMM-A-C .75 X .75IN. STRAP MOUNT 4 WAY ENTRY ADHESIVE BACKEDINDOOR PANDUIT CORP.				
1448	2	2	403969579	KS20986L4	TIE, CABLE SINGLE LIGHT OLIVE GRAY				
1449	5	1	403028368		MOUNT, CABLE TIE #ABMM-A-C .75 X .75IN. STRAP MOUNT 4 WAY ENTRY ADHESIVE BACKEDINDOOR PANDUIT CORP.				
1450	1,2,5	2	403028368		MOUNT, CABLE TIE #ABMM-A-C .75 X .75IN. STRAP MOUNT 4 WAY ENTRY ADHESIVE BACKEDINDOOR PANDUIT CORP.		*/		
1451	5	1	403969579	KS20986L4	TIE, CABLE SINGLE LIGHT OLIVE GRAY				
1460	1,2,5	2	403969579	KS20986L4	TIE, CABLE SINGLE LIGHT OLIVE GRAY		*/		
1470	1,2,5	2	401273040	KS21320L1	SOCKET, RELAY				13
1471	1,2,5	2	405902552	KS21320L20	SOCKET, RELAY LIGHT EMITTING DIODE				13
1480	1,2,5	1	102600186	549D	DIODE, LIGHT EMITTING RED				13
1481	1,2,5	1	406089821	WP90184L22	DIODE, LIGHT EDMITTING RED				13
1490	1,2,5	1	102600202	549F	DIODE, LIGHT EMITTING YELLOW				13
1491	1,2,5	1	406089847	WP90184L23	DIODE, LIGHT EMITTING AMBER				13
1500	6	1	104408943	272A	MODULE, CIRCUIT				
1510	6	OMIT 1	105182992	214A	MODULE, CIRCUIT				
1520	6	1	ED5D586-12,G9A		ASSEMBLY, CABLE				
1530	6	1	ED5D586-12,G10		ASSEMBLY, CABLE				
1540	6	OMIT 1	ED5D586-12,G2		ASSEMBLY, CABLE				
1550	6	OMIT 1	ED5D586-12,G3		ASSEMBLY, CABLE				
1560	7	1	104408943	272A	MODULE, CIRCUIT				
1570	7	OMIT 1	105182992	214A	MODULE, CIRCUIT				
1580	7	1	ED5D586-12,G8		ASSEMBLY, CABLE				
1590	7	1	ED5D586-12,G9A		ASSEMBLY, CABLE				
1600	7	OMIT 1	ED5D586-12,G3		ASSEMBLY, CABLE				
1610	7	OMIT 1	ED5D586-12,G4		ASSEMBLY, CABLE				
1620	8	1	ED5D586-12,G11		ASSEMBLY, CABLE				
1630	8	OMIT 1	ED5D586-12,G3		ASSEMBLY, CABLE				

***** STOCKLIST CONTINUED AT RIGHT *****

ED5D586-10

STOCKLIST									
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE		
							SYM	NBR	
1700	B	1	847714805		LABEL ATION KEYS DISABLED				

***** END OF STOCKLIST *****

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5ESS SWITCHING EQUIPMENT
SPECIFICATION FOR
MULTI MODULE RSM
ALARM & STATUS UNIT

BT13

DWG SIZE C2 ISSUE 13

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