

**MISCELLANEOUS TRUNK, SIGNAL CONVERTING,
AND SIGNAL REPEATING EQUIPMENT UNITS
FOR REPEATING SIGNALS OR CONVERTING
TYPE B COMPOSITE OR SIMPLEX SIGNALS
TO DIAL PULSES OR SUPERVISORY SIGNALS
EQUIPMENT DESIGN REQUIREMENTS
COMMON SYSTEMS**

1. GENERAL

SCOPE

1.01 This specification, together with the supplementary information listed herein, covers the equipment design requirements for the framework, equipment, and circuits to be used in the manufacture and installation of equipments used to repeat CX or SX signals or to convert these signals to other types of signals.

1.02 This specification is reissued to:

- (a) Rate J98605AB,L5, 7, and 8 Mfr Disc.
- (b) Revise Note A of J98605AJ and J98605AK.

DESCRIPTION

1.03 J98605B covers an auxiliary pulse link circuit unit which serves as a connecting link between CX signaling equipment and telegraph loop terminal equipment. This circuit may be used directly at a terminal as a link between a telegraph loop circuit and the intertoll dial trunk, or it may be used at an intermediate point as a link between a telegraph loop circuit and a CX signaling circuit, in which case the auxiliary pulse link equipment per J98605AR is also required. The unit local cable is connected to terminal strips for connection to external wiring.

1.04 J98605E covers a 60-Hz filter unit for use with simplex signaling circuits arranged for earth potential variation and for use with composite signaling circuits which may or may not be arranged for earth potential variation. The capacity of the unit is

three filter circuits. The purpose of this unit is to provide means for reducing the effect of 60-Hz earth potentials or induced currents on simplex or composite signaling and dialing circuits.

1.05 The J98605K and J98605L signaling converter units provide means for connecting single-frequency signaling circuits to No. 3, 3C, 3CL, or 11 switchboard ringdown intertoll trunks when ringdown signaling is used in both directions. The J98605K unit provides wiring and equipment for four signaling converter circuits, and the J98605L unit provides wiring and equipment for five signaling converter circuits. Associated pad control extension equipment is provided on a miscellaneous basis and is required when the intertoll trunk equipment and signaling equipment are located in different buildings.

1.06 The J98605M and J98605N signaling converter units provide means for connecting single-frequency signaling circuits to 20-Hz ringdown circuits for operation on a ringdown basis in both directions. The J98605M unit provides wiring and equipment for two signaling converter circuits, and the J98605N unit provides wiring and equipment for three signaling converter circuits. The J98605AE applique unit must be ordered with each signaling converter circuit, either J98605M or J98605N.

1.07 The J98605P and J98605R signaling converter units provide means for connecting signaling circuits having E and M leads to a 20-Hz ringdown trunk for incoming automatic operation. The J98605P unit provides wiring and equipment for five signaling converter circuits, and the J98605R unit provides wiring and equipment for six signaling converter circuits.

NOTICE

Not for use or disclosure outside the
Bell System except under written agreement

1.08 The J98605Y unit covers a 2-way trunk circuit unit for use at an intermediate office to convert SX or B-type CX signals to loop dial pulses and for converting between SX or B-type CX signals and reverse battery supervisory signals. This circuit provides for 2-way signaling with one-way dialing from the composite signaling end; that is, reverse battery supervisory signals are converted to CX or SX supervisory signals in one direction, and CX or SX supervisory and dial signals are converted to reverse battery supervisory and loop dial pulses in the other direction.

1.09 The J98605AA unit provides equipment to connect dc signaling leads of ringdown intertoll trunk circuits or signaling circuits employing SG leads to SF signaling or N or O carrier signaling systems.

1.10 The J98605AB unit covers a signaling converter unit for use at intermediate points for converting loop dialing pulses and supervision to composite signaling pulses and supervision in one direction and for converting composite signaling supervision to reverse battery supervision in the other direction. The equipment for one circuit is mounted on a unit with a terminal strip for external connections.

1.11 The J98605AF signaling converter unit provides means for connecting single-frequency signaling circuits to 20-Hz ringdown circuits for operation on a ringdown basis in both directions.

1.12 Requirements for inductor equipment for use in reducing ac earth potentials on CX signaling circuits which are arranged for earth potential variation are covered in 4.01. This equipment differs from the J98605E 60-Hz filter in that it is effective at all frequencies in the CX signaling range and is required in particular for protection against 25 Hz. The CX signaling legs and the earth potential leg of a quad or pair are connected through the individual windings of the inductor so that unidirectional alternating currents occurring in like amount in all the legs (unwanted longitudinal alternating currents) meet a high impedance; whereas in the case of an alternating current in a single leg (wanted signal), the effective net operating currents in the CX relay are not appreciably reduced. The individual CX signaling circuit operating limits will indicate in the case of 60 Hz as to the use of this inductor equipment or the 60-Hz filter equipment of J98605E. Two inductors (one inductor per quad or two separate pairs) occupy the space of four 1-3/4 by 19 inch mounting plates. The

switchboard cable terminates directly at the inductors.

2. SUPPLEMENTARY INFORMATION

801-000-000—Numerical Index—Common Systems
 800-600-000—Checking List—General Equipment Requirements
 J23066—816-027-150/817-041-150—Auxiliary Relay Rack Mounted Equipment

3. DRAWINGS

For additional drawings forming a part of this specification, see listings under Subdivisions of Equipment and Detailed Index.

ED-63112-01—Toll Systems Signaling Converter Unit
 ED-90782-01—Relay Rack Unit Assembly
 ED-90796-01—Dressing Skinners to 203-Type Terminal Strips
 ED-90976-01—Bay Cabling Plan
 ED-94937-30, -31—Component Assemblies
 SD-27051-01—Crossbar Systems Tandem Office Outgoing Trunk Circuit

4. EQUIPMENT

J98605B—AT&TCo Std—Auxiliary Pulse Unit Equipment — Telegraph Type — For Transmitting Signals Between Composite Signaling Equipment and Telegraph Loop Terminal Equipment

List 1—Framework, assembly, wiring, and common equipment for one auxiliary pulse link equipment unit (three circuits).

	WIRE	EQUIP	NOTES
Frwk, ED-90782-01,GR4		1	
Aux Pulse Link Ckt, SD-95311-01, Fig. 1 & 3	3	0	

List 2—Equipment per SD-95311-01, Fig. 1 and 3, required in addition to list 1 for each auxiliary pulse link circuit.

J98605E—AT&TCo Std—60-Hz Filter Unit Equipment—For Use With Simplex Signaling Circuits Arranged for Earth Potential Variation and for Use With Composite Signaling Circuits

List 1—Assembly and common equipment per ED-91726-01, Fig. 1 for three 60-Hz filter circuits.

List 2—Equipment per SD-95073-01, Fig. 1 or 2, required in addition to list 1 for one 60-Hz filter circuit.

J98605K—A&M Only — Signaling Converter Unit—For Connecting Single-Frequency Signaling Circuits to No. 3, 3C, 3CL, or 11 Switchboard Ringdown Intertoll Trunks When Ringdown Operation Is Used in Both Directions—19-Inch Mounting Plates (See Note A)

List 1—Framework, assembly, wiring, and common equipment per SD-56159-01, Fig. 1 for four signaling converter circuits.

List 2—Equipment per SD-56159-01, Fig. 1, less Z apparatus, required in addition to list 1 for one signaling converter circuit.

List 3—Equipment per SD-56159-01, Fig. 1, Z apparatus only, required in addition to list 2 for one signaling converter circuit for use with No. 3, 3B, 3C, or 3CL switchboard trunk circuits having SG leads for connection to signaling circuit.

Note

A. Pad control extension circuits per SD-56159-01, Fig. 2, when required, shall be provided on a miscellaneous basis as shown on ED-63112-01, Fig. 3.

J98605L—A&M Only — Signaling Converter Unit—For Connecting Single-Frequency Signaling Circuits to No. 3, 3C, 3CL, or 11 Switchboard Ringdown Intertoll Trunks When Ringdown Operation Is Used in Both Directions—23-Inch Mounting Plates (See Note A)

List 1—Framework, assembly, wiring, and common equipment for SD-56159-01, Fig. 1 for five signaling converter circuits.

List 2—Equipment per SD-56159-01, Fig. 1, less Z apparatus, required in addition to list 1 for one signaling converter circuit.

List 3—Equipment per SD-56159-01, Fig. 1, Z apparatus only, required in addition to list 2 for one signaling converter circuit for use with No. 3, 3B, 3C, or 3CL switchboard trunk circuits having SG leads for connection to signaling circuit.

Note

A. Pad control extension circuits per SD-56159-01, Fig. 2, when required, shall be provided on a miscellaneous basis as shown on ED-63112-01, Fig. 4.

J98605M—A&M Only — Signaling Converter Unit—For Connecting Single-Frequency Signaling Circuits to 20-Hz Ringdown Circuits for Operation on a Ringdown Basis in Both Directions—19-Inch Mounting Plate

List 1—Framework, assembly, wiring, and common equipment per SD-56163-01, Fig. 1 for two signaling converter circuits.

List 2—Equipment per SD-56163-01, Fig. 1, required in addition to list 1 for one signaling converter circuit.

List 3—Wiring and equipment per SD-56163-01, K option, required in addition to list 2 when the connecting circuit is a high capacity trunk or line.

J98605N—A&M Only — Signaling Converter Unit—For Connecting Single-Frequency Signaling Circuits to 20-Hz Ringdown Circuits for Operation on a Ringdown Basis in Both Directions—23-Inch Mounting Plates

List 3—Framework, assembly, wiring, and common equipment for one signal converter unit consisting of three signal converters per SD-56163-01, Fig. 1. (See Note A.)

List 4—Wiring and equipment per SD-56163-01, K option, required in addition to list 3 when the connecting circuit is a high capacity trunk or line.

Note

A. This unit has been hardened for certain military applications.

J98605P—A&M Only — Signaling Converter Unit—For Incoming Automatic Operation With 20-Hz Ringdown—19-Inch Mounting Plates

List 1—Framework, assembly, wiring, and common equipment for a unit of five signaling converter circuits.

	WIRE	EQUIP	NOTES
Frwk, ED-90782-01,GR8 Sig Conv Ckt, SD-56199-01, Fig. 1	5	0	A

List 2—Equipment per SD-56199-01, Fig. 1 required in addition to list 1 for one signaling converter circuit.

Note

A. Equipment per SD-56199-01, Fig. 3 shall be furnished as miscellaneous equipment.

J98605R—A&M Only — Signaling Converter Unit—For Incoming Automatic Operation With 20-Hz Ringdown—23-Inch Mounting Plates

List 1—Framework, assembly, wiring, and common equipment for a unit of six signaling converter circuits.

	WIRE	EQUIP	NOTES
Frwk, ED-90782-01,GR8 Sig Conv Ckt, SD-56199-01, Fig. 1	6	0	A

List 2—Equipment per SD-56199-01, Fig. 1, required in addition to list 1 for one signaling converter circuit.

Note

A. Equipment per SD-56199-01, Fig. 3 shall be furnished as miscellaneous equipment.

J98605Y—AT&TCo Std—2-Way Trunk Unit—2-Way Signaling—One-Way Dialing From Composite Signaling End—For Use at Intermediate Office To Convert SX or Type B CX Signals to Loop Dial Pulses and for Converting Between SX or B CX Signals and Reverse Battery Supervisory Signals—23-Inch Mounting Plate

List 1—Assembly, wiring, and equipment for two 2-way trunk circuits per SD-95061-01, Fig. 1, with options W and Y only.

List 2—Wiring and equipment for two transmission terminations per SD-95061-01, Fig. 2, re-

quired in addition to list 1 when terminations are to be furnished.

J98605AA—AT&TCo Std—Signaling Converter Unit—For Connecting Nor O Carrier or Single-Frequency Signaling Circuit to 20-Hz DC or 1000-Hz Signaling Circuit or to Ringdown Intertoll Trunk Arranged for DC Signaling

List 1—Assembly, wiring, and equipment required for one signaling converter circuit per SD-56159-01, Fig. 1, arranged to mount five circuits.

List 2—Wiring and equipment required in addition to list 1 for one signaling converter circuit (maximum four). (See Note A.)

Note

A. Provide Z or Y wiring per SD-56159-01, as required.

J98605AB—AT&TCo Std—Signaling Converter Unit—Outgoing or 2-Way—Outgoing Service Automatic—MFP or DP—Converts E and M Lead Supervision to Reverse Battery Supervision—Incoming Service Automatic—Converts Reverse Battery High-Low Supervision to E and M Lead Supervision—23-Inch Mounting Plates

List 1—Framework, assembly, wiring, and equipment per SD-95060-01, Fig. 1 and B, less all options except P, Y, ZA, ZF, and ZI. (See Note A.)

List 3—Wiring and equipment per SD-95060-01, Fig. 1, option ZQ only, required in addition to lists 1 and 2 when telephone repeater is directly connected to transformers at this end of the trunk or to a trunk pair to a distant terminal. (See Note B.)

List 4—Wiring and equipment per SD-95060-01, Fig. 1, option B only, required in addition to list 1 when this trunk is used for TX operation with simplex rering and no pulsing is required.

List 6—Wiring and equipment per SD-95060-01, Fig. 1, option ZL only, required in addition to list 1 for one building-out capacitor.

Notes

- A. Provide F, Q, R, S, V, ZC, ZG, and ZH wiring per SD-95060-01, Fig. 1 and C, as required.
- B. When connected to a trunk pair to a distant terminal, option ZX should be omitted.
- C. The signal converter unit is rated A&M Only for use in a crossbar tandem office, replaced by SD-27051-01 (J23066BR and J23066BY).

J98605AE—A&M Only—Signaling Converter Applique Unit—For Connecting N or O Carrier or Single-Frequency Signaling Circuit to 20-Hz Ringdown Circuit

List 1—Equipment per SD-56163-01, Fig. 1, option M, required as an applique unit to the signaling converter unit; arranged for 14 applique circuits and equipped with one circuit. (See Note A.)

List 2—Equipment per SD-56163-01, Fig. 1, option M, required in addition to list 1 for one additional applique circuit.

Note

- A. One applique circuit (relay B) is required with each J98605M or N signaling converter unit.

J98605AF—AT&TCo Std—Signaling Converter Unit—For Converting N or O Carrier or SF Signaling Circuits to 20-Hz Ringdown Circuits

List 1—Assembly, equipment, and wiring per SD-56163-01, Fig. 5 for one signaling converter unit.

List 2—Wiring and equipment per SD-56163-01, option K, required in addition to list 1 when the connecting circuit is a high capacity trunk or line.

J98605AJ—AT&TCo Std—DX Signaling Unit—For Signaling Between Trunk Circuits or for Extending E and M Leads From Trunk Circuits Requiring Type I or Type III Interface

List 1—Assembly, wiring, and equipment for a unit of ten DX signaling circuits per SD-1C363-01, ten Fig. 1. (See Note A.)

Note

- A. The shelf provides for ten DX1 circuits when equipped with ten 334A plug-in relays. List 1 does not provide the 334A relays that must be ordered separately in quantities specified by the customer.

J98605AK—AT&TCo Std—DX Signaling Unit—For Signaling Between Trunk Circuits or for Extending E and M Leads From Trunk Circuits Requiring Type I or Type III Interface and Including One Test Connector

List 1—Assembly, wiring, and equipment for a unit of eight DX signaling circuits and one test connector circuit per SD-1C363-01, eight Fig. 1 and Fig. 3. (See Note A.)

Note

- A. This shelf provides for eight DX1 circuits when equipped with eight 334A plug-in relays. List 1 does not provide the 334A relays that must be ordered separately in quantities specified by the customer.
- B. The J98605AK unit is required one per office. For additional DX signaling circuits refer to J98605AJ.

J98605AM—AT&TCo Std—DX2 Signal Lead Extension Circuit—For Extending E and M Leads From Signaling Circuits

List 1—Assembly, equipment, and wiring for six DX signaling extension circuits per SD-1C364-01, six Fig. 1.

List 2—Assembly, equipment, and wiring for five DX signaling extension circuits and one test connector per SD-1C364-01, five Fig. 1 and one Fig. 2.

Notes

- A. The shelf per J98605AM,L1 provides for six DX2 circuits when equipped with six 334D relays, and the shelf per J98605AM,L2 provides for five DX2 circuits when equipped with five 334D plug-in relays and provision for a test connector. The 334D relays are not included in list 1 or 2 and must be ordered separately in quantities as specified by the customer.

B. Provide optional wiring as required.

**J98605AP—AT&TCo Std—DX1 Signaling Unit—
For Trunk Circuits Requiring Type I,
II, or III Interface**

List 1—Assembly, equipment, and wiring for six duplex circuits with type I, II, or III interface per SD-1C584-01, Fig. 1.

List 2—Assembly, equipment, and wiring for five duplex circuits with type I, II, or III interface and one test connector per SD-1C584-01, five Fig. 1 and one Fig. 4.

Notes

A. Provide Y or Z wiring as required.

B. The 334C relays per Fig. 2 or the 334D relays per Fig. 3 shall be ordered as a separate item in quantities specified in job requirements.

**J98605AR—AT&TCo Std—Auxiliary Pulse Link
Unit—Relay Type—For Connecting
Two Signaling Circuits Together
Through E and M Leads**

List 1—Assembly, equipment, and wiring for eight auxiliary pulse link circuits per SD-96616-01, Fig. 1. (See Note A.)

Note

A. List 1 does not provide the ED-94937-30,GR1 component assemblies that must be ordered separately, maximum eight for each list 1.

**J98605AS—AT&TCo Std—Resistance Lamp
Unit—For Use With DX Signaling
Units**

List 1—Assembly, equipment, and wiring for one resistance lamp unit arranged for 20 circuits with 10 equipped per SD-1C363-01, ten Fig. 2.

List 2—Equipment and wiring per SD-1C363-01, ten Fig. 2 required in addition to list 1 for ten additional resistance lamp circuits.

**J98605AT—AT&TCo Std—Auxiliary Trunk Link
Repeater Unit—For Interconnecting E
and M lead Trunk Circuits in the
Same or Adjacent Buildings**

List 1—Assembly, equipment, and wiring for ten trunk link repeater circuits per SD-1C601-01, Fig. 1. (See Note A.)

List 2—Equipment and wiring per SD-1C601-01, Fig. 1, option Z only, required in addition to list 1 for each circuit requiring signal battery current limiting resistor for type II and/or type III interface(s) (maximum ten).

Notes

A. List 1 does not provide the ED-94937-31,GR2 component assemblies that must be ordered separately (maximum ten for each list 1).

B. Provide optional wiring as required.

Miscellaneous Equipment

4.01 Longitudinal inductor equipment per SD-95073-01, Fig. 4 for use in reducing ac earth potentials on CX signaling circuits that are arranged for earth potential variation shall be furnished, as required, on the miscellaneous relay rack in accordance with ED-91726-01, Fig. 3, which shows two inductors. One coil is used per quad or separate pair.

4.02 Equipment for tone applier application per SD-95660-01, Fig. 2 shall be furnished as required on a miscellaneous basis for existing installations equipped with the J98605G signaling converter unit.

5. GENERAL NOTES AND INDEXES

5.01 J98605AN is unassigned.

List of A&M Only and Mfr Disc. Equipment

EQUIPMENT	RATING	DETAILS LAST SHOWN IN ISSUE	REPLACING EQUIPMENT
J98605A	Mfr Disc.	4	J98605G
J98605C	Mfr Disc.	See Note A	—
J98605D	Mfr Disc.	8	J98605AR
J98605F	Mfr Disc.	6	—
J98605G	Mfr Disc.	5	J98605AB
J98605H	Mfr Disc.	4	J98605S, J98605U
J98605J	Mfr Disc.	4	J98605T, J98605W

EQUIPMENT	RATING	DETAILS LAST SHOWN IN ISSUE	REPLACING EQUIPMENT	EQUIPMENT	RATING	DETAILS LAST SHOWN IN ISSUE	REPLACING EQUIPMENT
J98605K	A&M Only	6	J98605AA	J98605AH	Mfr Disc.	8	J98605AM
J98605L	A&M Only	6	J98605AA	J98605AL	Mfr Disc.	8	J98605AS
J98605M	A&M Only	7	J98605AF	J98605AB,			
J98605N, L1 & L2	A&M Only Mfr Disc.	7 7	J98605AF J98605N,L3	L5, L7 & L8	Mfr Disc.	10	—
J98605P	A&M Only	7	See Note B				
J98605R	A&M Only	7	See Note B				
J98605S	Mfr Disc.	5	—				
J98605T	Mfr Disc.	5	J98605AC				
J98605U	Mfr Disc.	5	—				
J98605W	Mfr Disc.	5	J98605AD				
J98605AB, L2	Mfr Disc.	7	—				
L7	A&M Only	7					
J98605AC	Mfr Disc.	7	J98605AG				
J98605AD	Mfr Disc.	7	J98605AH				
J98605AE	A&M Only	7	—				
J98605AG	Mfr Disc.	8	J98605AJ, J98605AK, J98605AS				

The above equipment has been replaced as indicated. Where A&M Only items appear, the issue numbers shown are those of the issue in which the rating was first applied.

Notes

- A. J98605C was issued on a provisional basis, and the requirements for this code were never covered in this specification.
- B. Since 20-Hz ringdown is no longer standard, there is not direct replacement for this equipment.

SUBDIVISIONS OF EQUIPMENT AND DETAILED INDEX

WE J drawings should be ordered by referring to the prefix and base number and requesting the current dash (-) number.

EQUIPMENT CODE	AT&T RATING OF UNIT	TITLE	EQUIPMENT DRAWING	CIRCUIT DRAWING	CKTS PER UNIT	MTG PLTS PER UNIT (INCHES)
J98605B	Std	Auxiliary Pulse Unit Equipment—Relay Type for Passing Sig- nals From One Com- posite Signaling Circuit to Another	J98605B-()	SD-95311-01	3	4 19
J98605E	Std	60-Hz Filter Unit Equipment—For Use With Simplex Signal- ing Circuits Arranged for Earth Potential Variation and for Use With Composite Sig- naling Circuits	J98605E-()	SD-95073-01	3	1 19

EQUIPMENT CODE	AT&T RATING OF UNIT	TITLE	EQUIPMENT DRAWING	CIRCUIT DRAWING	CKTS PER UNIT	MTG PLTS PER UNIT (INCHES)	
J98605K	A&M Only	Signaling Converter Unit—For Connecting Single-Frequency Signaling Circuits to No. 3, 3C, 3CL, or 11 Switchboard Ringdown Intertoll Trunks When Ringdown Operation Is Used in Both Directions	J98605K-()	SD-56159-01	4	2	19
J98605L	A&M Only	Signaling Converter Unit—For Connecting Single-Frequency Signaling Circuits to No. 3, 3C, 3CL, or 11 Switchboard Ringdown Intertoll Trunks When Ringdown Operation Is Used in Both Directions	J98605L-()	SD-56159-01	5	2	23
J98605M	A&M Only	Signaling Converter Unit—For Connecting Single-Frequency Signaling Circuits to 20-Hz Ringdown Circuits for Operation on a Ringdown Basis in Both Directions	J98605M-()	SD-56163-01	2	2	19
J98605N	A&M Only	Signaling Converter Unit—For Connecting Single-Frequency Signaling Circuits to 20-Hz Ringdown Circuits for Operation on a Ringdown Basis in Both Directions	J98605N-()	SD-56163-01	3	2	23
J98605P	A&M Only	Signaling Converter Unit—For Incoming Automatic Operation With 20-Hz Ringdown	J98605P-()	SD-56199-01	5	8	19
J98605R	A&M Only	Signaling Converter Unit—For Incoming Automatic Operation With 20-Hz Ringdown	J98605R-()	SD-56199-01	6	8	23
J98605Y	Std	2-Way Trunk Unit—2-Way Signaling—One-Way Dialing From Composite Sig-	J98605Y-()	SD-95061-01	2	1	23

EQUIPMENT CODE	AT&T RATING OF UNIT	TITLE	EQUIPMENT DRAWING	CIRCUIT DRAWING	CKTS PER UNIT	MTG PLTS PER UNIT (INCHES)
		nalng End— For Use at Intermediate Office to Convert SX or Type B CX Signals to Loop Dial Pulses and for Converting Between SX or B CX Signals and Reverse Battery Supervisory Signals				
J98605AA	Std	Signaling Converter Unit— For Connecting N or O Carrier or Single- Frequency Signaling Circuit to 20-Hz DC or 1000-Hz Signaling Circuit or to Ringdown Intertoll Trunk Arranged for DC Signaling	J98605AA-()	SD-56159-01	5	2 23
J98605AB	Std	Signaling Converter Unit— Outgoing or 2-Way— Outgoing Service Automatic— MFP or DP— Converts E and M Lead Supervision to Reverse Battery Supervision— Incoming Service Automatic— Converts Reverse Battery High- Low Supervision to E and M Lead Supervision	J98605AB-()	SD-95060-01	1	2 23
J98605AE	A&M Only	Signaling Converter Applique Unit— For Connecting N or O Carrier or Single- Frequency Signaling Circuit to 20-Hz Ringdown Circuit	J98605AE-()	SD-56163-01	14	1 23
J98605AF	Std	Signaling Converter Unit— For Converting N or O Carrier or SF Signaling Circuits to 20-Hz Ringdown Circuits	J98605AF-()	SD-56163-01	1	1 23

EQUIPMENT CODE	AT&T RATING OF UNIT	TITLE	EQUIPMENT DRAWING	CIRCUIT DRAWING	CKTS PER UNIT	MTG PLTS PER UNIT (INCHES)	
J98605AJ	Std	DX Signaling Unit— For Signaling Between Trunk Circuits or for Extending E and M leads From Trunk Circuits Requiring Type I or Type II Interface	J98605AJ-()	SD-1C363-01	10	1	23
J98605AK	Std	DX Signaling Unit— For Signaling Between Trunk Circuits or for Extending E and M leads From Trunk Circuits Requiring Type I or Type III Interface and Including One Test Connector	J98605AK-()	SD-1C363-01	8	1	23
J98605AM	Std	DX2 Signal Lead Extension Circuits— For Extending E and M M Leads From Signaling Circuits	J98605AM-()	SD-1C364-01	5 or 6	1	23
J98605AP	Std	DX1 Signaling Unit— For Trunk Circuits Requiring Type I, II, or III Interface	J98605AP-()	SD-1C584-01	5 or 6	1	23
J98605AR	Std	Auxiliary Pulse Link Unit—Relay Type— For Connecting Two Signaling Circuits Together Through E and M Leads	J98605AR-()	SD-96616-01	8	1	23
J98605AS	Std	Resistance Lamp Unit—For Use With DX Signaling Units	J98605AS-()	SD-1C363-01	20	1	23
J98605AT	Std	Auxiliary Trunk Link Repeater Unit—For Interconnecting E and M Lead Trunk Circuits in the Same or Adja- cent Buildings	J98605AT-()	SD-1C601-01	10	1	23

Circuit Schematic Index

CIRCUIT DRAWING	J98605 EQPT CODE
SD-1C363-01	AJ, AK, AS
SD-1C364-01	AM
SD-1C584-01	AP
SD-1C601-01	AT
SD-56159-01	K, L, AA
SD-56163-01	M, N, AE, AF
SD-56199-01	P, R
SD-95060-01	AB
SD-95061-01	Y
SD-95073-01	E
SD-95311-01	B
SD-96616-01	AR

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WE Dept 8326-LJB-PI