

SD-80700-01

BELL TELEPHONE LABORATORIES, INC.

DWG. ISS.	C. D. ISSUE	DATE ISSUED	APPROVED	
13	13	8-17-61	J.T. F.C.	H.M.K. D.E.T. F.C.

POWER SYSTEMS
KEY SHEET
 STANDARD RATINGS

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PRINTED IN U.S.A.

AT & TCO
STANDARD

SD-80700-01

REPLACING SD-80311-01, SD-80312-01, SD-80313-01,
SD-80314-01 AND SD-80603-01

NUMERICAL LISTING

<u>Number</u>	<u>Classified Listing</u>	<u>Coded PP Listing</u>	<u>Number</u>	<u>Classified Listing</u>	<u>Coded PP Listing</u>
SD-80306-01	2D		SD-80769-01	2N	
SD-80315-01	2E		SD-80770-01	2P	501A
SD-80324-01	2P		SD-80771-01	2N	
SD-80348-01	2M		SD-80774-01	2D	704C
SD-80479-01	2M		SD-80775-01	2A	704C
SD-80517-01	2L	805B	SD-80776-01	2C	704B
SD-80523-01	2P		SD-80783-01	2E	
SD-80526-01	2B		SD-80791-01	2F	
SD-80539-01	2E		SD-80800-01	2A	803C
SD-80560-01	2J		SD-80804-01	2C	
SD-80586-01	2D,2E		SD-80810-01	2P	
SD-80588-01	2C		SD-80816-01	2P	403B
SD-80589-02	2J		SD-80823-01	2J	
SD-80590-03	2J		SD-80824-01	2C	
SD-80591-02	2J		SD-80828-01	2L	
SD-80594-03	2L	803C	SD-80838-01	2K	302A
SD-80594-04	2L	803C	SD-80841-01	2D,2L	105C
SD-80594-06	2L	803C	SD-80844-01	2P	504A
SD-80596-01	2N		SD-80845-01	2P	504A
SD-80598-02	2L,2F	803C	SD-80846-01	2P	506A
SD-80604-01	2C		SD-80847-01	2A	
SD-80605-03	2J		SD-80850-01	2G	
SD-80606-02	2J		SD-80852-01	2G	
SD-80606-08	2J		SD-80856-01	2P	504A
SD-80612-01	2C		SD-80859-01	2C	103B
SD-80614-01	2J		SD-80863-02	2P	420A
SD-80616-02	2J		SD-80866-01	2L	
SD-80620-03	2J		SD-80869-01	2A	
SD-80628-01	2M		SD-80871-01	2J	
SD-80629-02	2J		SD-80881-01	2P	506A
SD-80642-01	2J	405A	SD-80884-01	2L	806D
SD-80642-02	2J	405A	SD-80885-01	2L	806D
SD-80652-01	2P	420A, 420B	SD-80866-01	2N	806D
SD-80659-02	2J		SD-80892-01	2P	
SD-80661-01	2M		SD-80893-01	2A	806D
SD-80683-01	2C	103B	SD-80894-01	2L	
SD-80696-01	2C	101A	SD-80895-01	2L	806D
SD-80697-01	2C	101A	SD-80909-01	2E	
SD-80698-01	2C	101D	SD-80913-01	2D	420A, 420B
SD-80705-01	2M		SD-80914-01	2B	420A
SD-80707-01	2N		SD-80915-01	2D	420A, 420B
SD-80713-01	2H		SD-80918-01	2P	
SD-80720-02	2D	110A	SD-80927-01	2J	
SD-80722-02	2B	110A, 70C	SD-80929-01	2P	506A
SD-80724-02	2P		SD-80930-01	2J	
SD-80728-01	2E				
SD-80731-01	2A	803C			
SD-80733-01	2C	101E			
SD-80740-01	2C	101F			
SD-80750-01	2L				
SD-80753-01	2D	110A			
SD-80755-01	2B	110A			
SD-80759-01	2D	103B			
SD-80760-01	2P	403A			
SD-80764-01	2J				
SD-80764-02	2J				

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SD-80936-01	2P		SD-81076-01	2J	
SD-80937-01	2J		SD-81077-01	2J	
SD-80942-01	2D	410A			
SD-80943-01	2B	410A	SD-81081-01	2F	
SD-80946-01	2L		SD-81082-01	2P	403C
SD-80950-01	2A		SD-81084-01	2C	425A
SD-80960-01	2K	505C	SD-81085-01	2C	425A
					425A
SD-80962-01	2J		SD-81086-01	2C	
SD-80963-01	2J		SD-81088-01	2J	
SD-80965-01	2C	302A	SD-81089-01	2J	
SD-80966-01	2D	302A	SD-81090-01	2J	
SD-80970-01	2J		SD-81091-01	2C	
SD-80976-01	2J		SD-81092-01	2F	
SD-80978-01	2L	805C	SD-81093-01	2J	
					425A
SD-80981-01	2M		SD-81094-01	2G	425A
SD-80982-01	2D		SD-81095-01	2M	425A
SD-80989-01	2N, 2P	805C	SD-81097-01	2P	504B
SD-80990-01	2A	805C	SD-81100-01	2A	
SD-80991-01	2L	804C, 805C	SD-81101-01	2L	804C, 803C,
SD-80992-01	2C	805C	SD-81103-01	2E	
SD-80993-01	2P	805C	SD-81105-01	2E	
SD-80995-02	2A	702C	SD-81106-01	2F	
SD-80998-01	2K		SD-81110-01	2J	
SD-80999-01	2K		SD-81111-01	2E	425A
SD-81001-01	2P		SD-81113-01	2H	
SD-81004-02	2C	702C	SD-81114-01	2H	
SD-81008-01	2F		SD-81116-01	2E	
SD-81010-01	2J		SD-81117-01	2J	
					101A
SD-81010-03	2J		SD-81118-01	2C	
SD-81011-01	2J				302A
SD-81013-01	2J		SD-81121-01	2K	
SD-81015-02	2D	702C			
SD-81016-01	2B	410B	SD-81123-01	2J	
SD-81022-02	2K	702C	SD-81124-01	2K	
SD-81023-02	2K	702C	SD-81125-01	2F	
SD-81026-01	2P	504B	SD-81126-01	2H	
			SD-81129-01	2J	
SD-81035-01	2H		SD-81130-01	2J	
SD-81038-01	2P	505C	SD-81131-01	2L	806E
SD-81040-01	2L		SD-81132-01	2L	806E, 806F
SD-81041-01	2L		SD-81133-01	2P	507A
SD-81042-01	2L		SD-81134-01	2C	105D
					101G
SD-81051-01	2P		SD-81135-01	2P	
SD-81052-01	2P		SD-81136-01	2F	
SD-81058-01	2J		SD-81137-01	2C	426A
SD-81060-01	2A	302A	SD-81138-01	2J	
SD-81061-01	2A	302A	SD-81139-01	2L	806E, 806F
SD-81063-02	2E		SD-81140-01	2M	425A
			SD-81141-01	2L	
SD-81064-01	2J		SD-81142-01	2E	
SD-81065-01	2J		SD-81143-01	2L	
SD-81067-01	2F		SD-81144-01	2F	
SD-81069-01	2L	803C			
SD-81070-01	2L	803C	SD-81147-01	2K	
SD-81071-01	2F		SD-81148-01	2K	302A
SD-81073-01	2P	505C	SD-81148-02	2K	302A
			SD-81149-01	2P	505D

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SD-81150-01	2K		SD-81228-01	2E	
SD-81151-01	2J		SD-81229-01	2K	
SD-81152-01	2K	505D	SD-81231-01	2D	
SD-81153-01	2F	425B	SD-81233-01	2J	
SD-81155-01	2B	301C, 302A,	SD-81235-01	2J	
SD-81156-01	2J		SD-81236-01	2L	801E
SD-81157-01	2J		SD-81239-01	2J	
SD-81158-01	2J		SD-81240-01	2P	
SD-81159-01	2P		SD-81240-02	2P	
SD-81160-01	2B	302A	SD-81241-01	2F	
SD-81161-01	2P	425B	SD-81242-01	2J	
SD-81164-01	2K		SD-81243-01	2J	
SD-81167-01	2C	425B	SD-81244-01	2L	806E, 806F
SD-81168-01	2L	804C	SD-81263-01	2F	
SD-81169-01	2L	804C	SD-81264-01	2F	
SD-81170-01	2A	804C	SD-81267-01	2F	
SD-81171-01	2N		SD-81268-01	2F	
SD-81172-01	2D		SD-81270-01	2B	110A
SD-81175-01	2K	302A	SD-81271-01	2C	110A
SD-81176-01	2F				
SD-81177-01	2F				
SD-81179-01	2C		SD-81276-01	2J	
SD-81180-01	2J	110A	SD-81277-01	2K	
SD-81181-01	2J	110B,	SD-81278-01	2L	
SD-81182-01	2F		SD-81279-01	2S	
SD-81183-01	2F		SD-81282-01	2J	
SD-81184-01	2B	302A	SD-81284-01	2P	
SD-81185-01	2M		SD-81288-01	2L, 2N	
SD-81186-01	2B		SD-81293-01	2C	410B
SD-81188-01	2J		SD-81294-01	2C	410B
SD-81189-01	2E		SD-81295-01	2C	410B
SD-81192-01	2M		SD-81298-01	2P	
SD-81192-02	2M		SD-81301-01	2K	410B
SD-81193-01	2C		SD-81302-01	2J	410B
SD-81194-01	2D		SD-81303-01	2C	102F
SD-81195-01	2J		SD-81305-01	2K	
SD-81196-01	2P		SD-81306-01	2J	
SD-81197-01	2E		SD-81307-01	2K	
SD-81201-01	2F		SD-81308-01	2P	
SD-81202-01	2E, 2L		SD-81309-01	2P	
SD-81206-01	2F		SD-81310-01	2R	
SD-81208-01	2F		SD-81311-01	2R	
SD-81209-01	2F		SD-81312-01	2A	
SD-81210-01	2D	110A	SD-81313-01	2R	
SD-81211-01	2B	110B	SD-81314-01	2R	
SD-81212-01	2D	110B	SD-81317-01	2J	
SD-81213-01	2F		SD-81318-01	2J	
SD-81214-01	2F		SD-81319-01	2C	102F
SD-81215-01	2J		SD-81324-01	2P	101G
SD-81216-01	2J		SD-81325-01	2L	
SD-81217-01	2J		SD-81326-01	2P	
SD-81222-01	2J		SD-81327-01	2F	
SD-81223-01	2A, 2F		SD-81328-01	2N	
SD-81224-01	2J		SD-81329-01	2L	
SD-81225-01	2L	806F	SD-81330-01	2P	
SD-81227-01	2C		SD-81331-01	2L	

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SD-81332-01	2P		SD-81424-01	2C	111A
SD-81333-01	2K	702C	SD-81425-01	2R	
SD-81334-01	2P	101J	SD-81442-01	2P	
SD-81335-01	2B	702C	SD-81443-01	2P	
SD-81336-01	2B	702C	SD-81448-01	2C	303A
SD-81337-01	2L	806G	SD-81449-01	2L	
SD-81338-01	2P		SD-81452-01	2S	
			SD-81456-01	2P	
SD-81339-01	2P		SD-81460-01	2E	
SD-81339-02	2P		SD-81461-01	2R	
SD-81341-01	2J				
SD-81342-01	2J		SD-81463-01	2J	
SD-81343-01	2J		SD-81464-01	2F	
SD-81344-01	2J		SD-81465-01	2F	
SD-81345-01	2J				
			SD-81466-01	2C	111A
SD-81346-01	2F		SD-81468-01	2F	
SD-81347-01	2F		SD-81469-01	2J	
SD-81348-01	2F		SD-81472-01	2A	
SD-81349-01	2F		SD-81475-01	2F	
SD-81350-01	2P	508A	SD-81476-01	2F	
SD-81351-01	2P		SD-81477-01	2B	702C
SD-81352-01	2L	803C			
			SD-81478-01	2J	303A
SD-81353-01	2C		SD-81481-01	2P	
SD-81354-01	2J	102F	SD-81483-01	2J	
SD-81355-01	2L	804D	SD-81485-01	2P	
SD-81356-01	2J		SD-81486-01	2P	101J
SD-81357-01	2D		SD-81487-01	2J	
SD-81363-01	2J		SD-81488-01	2L	
SD-81364-01	2M				
			SD-81490-01	2F	
SD-81365-01	2M		SD-81491-01	2F	
SD-81366-01	2G		SD-81492-01	2F	
SD-81368-01	2K		SD-81493-01	2F	
SD-81369-02	2J		SD-81495-01	2P	
SD-81370-01	2J		SD-81496-01	2P	
SD-81371-01	2P		SD-81497-01	2P	
SD-81384-01	2G				
			SD-81498-01	2C	
SD-81387-01	2L		SD-81499-01	2J	
SD-81396-01	2J		SD-81501-01	2C	111A
SD-81405-01	2J		SD-81506-01	2H	
SD-81410-01	2J		SD-81507-01	2P	
SD-81411-01	2S		SD-81508-01	2C	102G
SD-81412-01	2J		SD-81509-01	2J	
SD-81423-01	2P	101G			
			SD-81510-01	2J	
			SD-81511-01	2F	
			SD-81512-01	2F	
			SD-81536-01	2J	
			SD-81538-01	2J	
			SD-81539-01	2J	
			SD-81542-01	2B	410B

2A ALARM CIRCUITS

SD-80731-01	AC Power Alarm Circuit - 803C Ringing Power Plant	SD-80990-01	AC Power Alarm Circuit - 805C Ringing Power Plant
SD-80775-01	Power Alarm Circuit - 704C Plants	SD-80995-02	700 Type Plants - Power Alarm Circuit - 702C Plant
SD-80800-01	AC Power Alarm Circuit, Toll Switching Systems No. 4 and 4A - 803C Ringing Power Plant	SD-81060-01	DC Power Alarm Circuit - 302A Plants
		SD-81061-01	Power Audible Alarm Circuit - 302A Plants
		SD-81100-01	AC Low Voltage and Engine Failure Alarms with Power Restore Alarm Feature
SD-80847-01	No Voltage Alarm Circuit for 105-125 Volt 60 Cycle Alternating Current - J86725A	SD-81170-01	AC Power Alarm - 804C Ringing Power Plant
SD-80869-01	Alarm and Transfer Control Circuit, AC Low Voltage, 115/230 Volts, 50/60 Cycles	SD-81223-01	Automatic Engines in Central Offices J86725F
SD-80893-01	AC Power Alarm Circuit - 806D Power Plant	SD-81312-01	Repeated Submarine Cable
SD-80950-01	AC Low Voltage, AC No Voltage 115/230 Volts, 50/60 Cycles	SD-81472-01	Power Audible Alarm Circuit - 303A Plant

2B CHARGE CIRCUITS

SD-80526-01	Application of Centrifugal Type Voltage Regulator to Existing Commercial Type 33, 65, and 175 Volt M.G. Sets	SD-81184-01	Application Schematic, 100 Ampere, 24 and 48 Volt, 200 Ampere, 24 Volt Regulated Disc Rectifiers - 302A Plant
SD-80722-02	Charge Circuit Using Regulated Rectifiers, 10-240 Ampere, 44-50 Volt - 110A and 704C Plants	SD-81186-01	Regulated Rectifiers, 5-120 Amperes, 48 Volts for 81D1 Teletypewriter Switching Systems
SD-80755-01	Charging Circuit Using Regulated Rectifiers, 10-120 Ampere, 22-26 Volt - 110A Plants	SD-81211-01	Using Regulated Rectifiers 5-80 Amperes 24 Volts - J86455 - 110B Plant
SD-80914-01	Positive 152 Volt Charge Circuit - 420A Plants	SD-81270-01	100 Type Plants - Auxiliary Charging Circuit for Addition of 30 and/or 100 Amp. Rectifiers to Existing 110A Plants
SD-80943-01	130 Volts, 1-25 Amperes - 410A Plants	SD-81335-01	700 Type Plants - Charging Generator Circuit - Automatic Regulation Auto Start, Regular Generators - 702C Plant
SD-81016-01	Auxiliary Charging Circuit for 410B Plants Supplying Motor Alternators Using Generator or Rectifier With Automatic Control	SD-81336-01	700 Type Plants - Automatic Regulation Auto Start Reserve Generators - 702C Plant
SD-81155-01	Charging Generator Circuit With Motor Driven Rheostat - 301C & 302A Plants	SD-81477-01	Application Schematic, 100 Amp. 160 Volt Metallic Rectifier - 702C Plant
SD-81160-01	Charging Generator Circuit 33 or 65 Volt M/G Sets With Automatic Voltage Regulation - 302A Plants	SD-81542-01	- Auxiliary Charging Circuit Recharger Control Using KS-15885, List 4 Rectifiers - 410B Plants

2C CHARGE AND DISCHARGE CIRCUITS

SD-80588-01 Charge and Discharge Circuit With Relay for Charge Control - 755A PBX Plant

SD-80604-01 Modification of Various 130 Volt Power Circuit Arrangements to Provide for Discharge Circuit Filter

SD-80612-01 Positive 24 Volt Supply for Crossbar Terminating Marker Circuits

SD-80683-01 Tripping Supply Using Regulated Tube Rectifier With Dry Cell Reserve - 103B Power Plant

SD-80696-01 10-15 Ampere Hour, 15-20 Volt With Voltage Control of Charge - 101A Plants

SD-80697-01 10-15 Ampere Hour, 15-20 Volt Without Voltage Control of Charge - 101A Plants

SD-80698-01 30 Ampere Hour, 15-20 Volt - 101D Plant

SD-80733-01 15 and 30 Ampere Hour, 20-25 Volt Power Plant - 101E Plant

SD-80740-01 15-200 Ampere Hour, 18-26 Volt, 15-100 Ampere Hour, 32-46 Volt, 50-200 Ampere Hour, 14-20 Volt, Power Plants - 101F Plant

SD-80776-01 34 and 48 Volt Positive and Negative 2.5 and 8 Ampere Plants - 704B Plant

SD-80804-01 24 Volt, 6, 14 and 20 Ampere Supply With Battery Reserve

SD-80824-01 Regulated Copper Oxide Rectifier - 6 Volts, 10 Amps.

SD-80859-01 Message Register Supply Using Regulated Tube Rectifier With Dry Cell Reserve - 103B Power Plant

SD-80965-01 Calculation of Equipment and Lead Sizes, 302A Plant

SD-80992-01 +130 Volt, 3 Ampere Signaling Supply - 805C Ringing Power Plant

SD-81004-02 Without CEMF Cells - Calculation of Equipment and Lead Sizes - 702C Plant

SD-81084-01 130 Volt, 0.5-20 Ampere Plate Supply, Battery Regulated Except During Power Failure - 425A Plants

SD-81085-01 250 Volt, 0.5-20 Ampere Plate Supply, Battery Regulated Except During Power Failure - 425A Plants - J86439

SD-81086-01 12 Volt, 60-800 Ampere Power Supply, Battery Regulated Except During Power Failure - 425A Plants - J86439

SD-81091-01 24 Volt, 6 and 12 Ampere Supply With Battery Reserve

SD-81118-01 10-15 Ampere Hour, 15-19 Volt, 10 Ampere Hour, 17-21, 19-24 or 21-26 Volts With Voltage Control of Charge, KS-15918 & 101A Plants

SD-81134-01 10,20 and 30 Amperes - 48 Volts 105D Plant

SD-81137-01 130 Volt, 0.5-40 Ampere Positive or Negative Supply, Regulated Except During Power Failure - 426A Plant

SD-81167-01 Battery Regulated Except During Power Failure - 0.5-5 Ampere Plate Supply With 30 Ampere Charge Signal Supply 425B Plant - J86449

SD-81179-01 24 Volt, 1 Ampere With Battery Reserve - J86440C

SD-81193-01 Positive 130 Volt DC Supply for 81D1 Teletypewriter Switching System J86453

SD-81227-01 100 Type Plants, 32-42 Volts, 3 or 6 Ampere Rectifier, 18 Cells 50 or 100 A.H. Batteries, J86567B

SD-81271-01 100 Type Plants - Auxiliary Discharge Circuit, Using 400 Amp. Contactors for Addition to Existing 110A Plants

SD-81293-01 1-80 Amp. Positive or Negative 130 V, 63 Cells, 410 B Plants

SD-81294-01 1-80A, Positive or Negative 130V, 66 Cells - 410B Plant

SD-81295-01 1-25 Amp. Positive or Negative 125-135V For Use With Auxiliary M.G. Sets - 70 Cells - 410B Plants

SD-81303-01 44-52 Volts, 7.5 Ampere Rectifier 24 Cell, 50 A.H. Batteries - J86466D - 102F Plant

2C CHARGE AND DISCHARGE CIRCUITS
(Continued)

SD-81319-01	Positive 20-26 Volt Supply, 9 Amp. Rectifier, 11 Cell 100 A.H. Battery - J86466B - 102F Plant	SD-81466-01	10-120 Amps., 24 Volts, 111A Power Plant
SD-81353-01	102F Power Plant, Negative 20-26 Volt Supply, 9 Amp. Rect., 11 Cell Battery - J86466A	SD-81498-01	Positive or Negative 24 Volt, 10-30 Ampere Supply - J86496A,B,C
SD-81424-01	10-120 Amps., 48 Volts, 111A Power Plant	SD-81511-01	100 Type Plants - 10-400 Amperes, 48 Volts, - 111A Power Plant
SD-81448-01	24 and 48 Volts, 100-1000 Amperes DC - 303A Power Plant	SD-81508-01	Negative 18,20,22 or 48 Volt DC Supply - 6, 12, 24 or 25 Amperes With Battery Reserve - J86802-- 102G Power Plant

2D DISCHARGE CIRCUITS

SD-80306-01	Modification of SD-80405-01, 130 Volt Supply for Call Announcer Amplifiers And Repeater Frames - Panel Tandem Power Plant	SD-80942-01	1-25 Ampere, Positive and Negative 130 Volt Automatic Power Plant - 410A Plant
SD-80586-01	-48 Volt Signal, Positive and Negative 130 Volt Battery and Ground Distribution Circuit for 3A Teletype Switchboards	SD-80966-01	22-26 and 45-50 Volt - 302A Plants
SD-80720-02	10-240 Ampere, 44-50 Volt - 110A Plants	SD-80982-01	Modification of SD-80720-02 for Teletypewriter Switching Unit No. 81C1
SD-80753-01	10-120 Ampere, 22-26 Volt - 110A Plants	SD-81015-02	125-135 Volts - 702C Plants
SD-80759-01	60-75 Volt Message Register Battery Using Block Type Dry Battery Units - Step-by-Step Systems	SD-81172-01	Coin Control Supply 116-120V KS-5769 Rectifiers, Block Type Dry Battery Reserve, J86726F
SD-80774-01	10-120 Ampere, 44-50 Volt or 44-52 Volt Positive and Negative Supply - 704C Plant	SD-81194-01	48 Volts, 100 Amperes for 81D1 Teletypewriter Switching System - J86453
SD-80841-01	Discharge and Ringing Circuit for Emergency Reporting System Operated From 105C Power Plant	SD-81210-01	Circuit of Resistor to Replace CEMF cells in constant load offices 110A Plants
SD-80913-01	Positive 152 Volt Discharge Circuit Battery not Tapped, K2 Carrier Telephone Stations - 420A and 420B Plants	SD-81212-01	24 Volts, 80 Amperes, J86455 - 110B Plant
SD-80915-01	Positive 152 Volt Tapped Battery Discharge Circuit, Combined Plate and Filament Supply - 420A and 420B Plants	SD-81231-01	Single Cell - Carbon Pile Rheostat Type - 0-550 Amperes, 1.75 Volts - J87116A
		SD-81271-01	100 Type Plants, Auxiliary Discharge Circuit Using 400 A. Contactors for Addition to Existing 110A Plants
		SD-81357-01	Coin Control Supply Using KS-6948 or KS-8128 Dry Battery Units

2E DISTRIBUTING CIRCUIT

Battery Distributing Circuit

SD-80315-01	24 and 48 Volt Battery Leads, Call Announcer Equipment, Panel Tandem Power Plants	SD-81103-01	607A and 607B Manual PBX's
SD-80539-01	Teletypewriter Switchboard No. 1 Installations	SD-81105-01	Step-by-Step Intertoll Dial Selector Equipment Located in Toll Terminal Room
SD-80586-01	-48 Volt Signal, Positive and Negative 130 Volt Battery and Ground Distribution Circuit for 3A Teletype Switchboards	SD-81111-01	24 Volt and 130 Volt From Existing Plants - 425A Plants
SD-80728-01	Grouping of Frames and Racks, Decentralized Power Filters, Step-by-Step System	SD-81116-01	Toll Switching System No. A4A
SD-80783-01	Toll Switching System No. 4	SD-81142-01	Toll Switching System 3CL
SD-80909-01	300 Type Plants - Battery Distributing Circuit - Crossbar No.1 and Crossbar Tandem	SD-81189-01	Intertoll Trunk Concentrating System
SD-81063-02	300 Type Plants - Crossbar System No. 5	SD-81197-01	Toll Switching System No. 4A
		SD-81202-01	Auxiliary Ringing Supply and Battery Distributing Circuit, Civil Air Raid Warning System
		SD-81228-01	24- and 130-Volt Supply for Broadband Carrier Telephone
		SD-81460-01	24, 48 and +130 Volt Supply for E and V Type Telephone Repeaters and Miscellaneous Supplies

2F 900 TYPE PLANTS - ENGINE DRIVEN ALTERNATORS AND GENERATORS

- SD-81008-01 Diesel Engine Alternator Circuit, KS-5666 and KS-5574-01 Sets, J86164
- SD-81067-01 900 Type Plants - Manual Diesel Engine Alternator Schematic, 20-60 KW, 208-240 Volts, 3 Phase, KS-5574-01; 30-100 KW, 208-240 Volts, 3 Phase, KS-15884
- SD-81071-01 900 Type Plants - Manual Diesel Engine Alternator Schematic, 20 KW, 230/240-115/120 Volts, 1 Phase, KS-5574-01
- SD-81092-01 900 Type Plants - Engine Driven Alternator Automatic Control Circuit, 3 Phase, 208-240 Volts, 20-100 KW - J86621
- SD-81106-01 900 Type Plants - Diesel Engine Driven Alternator Schematic, 3 Phase, 208-240 Volts, 20-60 KW, KS-5750; 3 Phase 208-240 Volts, 30-100 KW - KS-15890
- SD-81125-01 900 Type Plants - Reserve Power Plant Schematic 20-60 KW, 3 Phase, KS-5750 Diesel Sets; 30-100 KW, 3 Phase, KS-15890 Diesel Sets, 20 KW, Single Phase, KS-5750 Diesel Sets; 20 KW Single and 3 Phase KS-15521 Diesel Sets - J86620 and J86629
- SD-81136-01 Engine Driven Alternator Automatic Control Circuit, Single Phase, 230-115 Volts, 20-KW, J86221
- SD-81144-01 Diesel Engine Driven Alternator Schematic, 20 KW, 230/115-240/120 Volts, 1 Phase, KS-5750
- SD-81176-01 Diesel Engine Driven Alternator Circuit for 4 Cycle Diesel Engine, 3 Phase, 208-240 Volts, 20 KW, KS-15521
- SD-81177-01 Diesel Engine Driven Alternator Circuit for 4 Cycle Diesel Engine, 1 Phase, 230/115 Volts 20 KW, KS-15521
- SD-81182-01 Automatic Gasoline Engine Driven Alternator, 2.8 and 4 KW, 115 Volts, 1 Phase KS-5667-01, Lists 1 and 2
- SD-81183-01 Automatic Gasoline Engine Driven Alternators, 2.8 and 4 KW, 230/115 Volts, 1 Phase KS-5667-01, Lists 3 and 4
- SD-81201-01 Automatic Gasoline Engine Driven Alternator, 8 KW, 230/115 Volts, 1 Phase, KS-5667-01, List 5
- SD-81206-01 Reserve Power Plant Schematic, 120 and 170 KW, 3 Phase, 208-240-Volts - KS-15622 Manually Controlled Engine Driven Alternator
- SD-81208-01 900 Type Plants - Automatic Control Circuit, 3 Phase, 208-240 Volts, 120 and 170 KW - J86624
- SD-81209-01 900 Type Plants - Automatic Reserve Power Plant Schematic 120/170 KW, 3 Phase, KS-15622 Diesel Sets - J86623
- SD-81213-01 Manual Diesel Engine Alternator Circuit, 120 and 170 KW, 208-240 Volts, 3 Phase, KS-15622
- SD-81214-01 Automatic Diesel Engine Driven Alternator Circuit - 120 and 170 KW, 208-240 Volts, 3 Phase, KS-15622
- SD-81223-01 Automatic Engines in Central Offices J86725F
- SD-81241-01 900 Type Plants - KS-15688 Engine Alternator Set Circuit-Manually Controlled Portable Gasoline Type, 115 Volts, 750 Watts, Single Phase - 2 Wire, 60 Cycles
- SD-81263-01 900 Type Plants - Engine Alternator Circuit, Automatic, Manual and Portable Engine Driven Alternators, 10 KW, 230/115 to 240/120 Volts, Single Phase, KS-15717
- SD-81264-01 900 Type Plants - Automatic Manual and Portable Diesel Engine Driven Alternators - 10 KW, 208-220 Volts, 3 Phase, 4 Wire, KS-15717
- SD-81267-01 900 Type Plants - Manual Gasoline Engine Driven Alternator 5 KW, 1 Phase, 3 Wire 230/115 Volts or 5 KW, 3 Phase, 4 Wire 208/120 Volts - KS-15650
- SD-81268-01 900 Type Plants - Automatic Gasoline Engine Driven Alternators, 1.3 KW, 115 Volts, 1 Phase, KS-15700

2F 900 TYPE PLANTS - ENGINE DRIVEN ALTERNATORS AND GENERATORS (Continued)

SD-81327-01 900 Type Plants - Engine Alternator Circuit - 10 KW, 230-240 Volts, Three-Phase, 3-Wire, KS-15717

SD-81346-01 900 Type Plants - Automatic Diesel Engine Driven Alternators, 10 KW, 230/115 Volts, 1-Phase - KS-15717

SD-81347-01 900 Type Plants - Reserve Power Plant Schematic - 10 KW, 230/115 Volt, 1-Phase, KS-15717 Automatically Controlled Engine Alternator - J86625C

SD-81348-01 900 Type Plants - Automatic Gasoline Engine Driven Alternator, 5 KW, 230/115 Volts, 1-Phase - KS-5667-01

SD-81349-01 900 Type Plants - Reserve Power Plant Schematic - 5 KW, 230/115 Volt, 1-Phase, KS-5667-01 Automatically Controlled Engine Alternator - J86618J & K

SD-81464-01 900 Type Plants - Reserve Power Plant Schematic - 500 KW, 208-240, 416-480 Volts, 3-Phase, Using KS-15777 Manually Controlled Diesel Engine-Alternators - J86627

SD-81465-01 900 Type Plants - Manual Diesel Engine-Alternator Circuit, 500 KW, 208-240, 416-480 Volts, 3-Phase, KS-15777

SD-81468-01 900 Type Plants - Reserve Power Plant Schematic, KS-15884 Sets - J86628

SD-81475-01 900 Type Plants - Reserve Power Plant Schematic, 500 KW, 3-Phase, 208-240, 416-480 Volts Using KS-15777 Automatically Controlled Diesel Engine Alternators - J86627

SD-81476-01 900 Type Plants - Automatic Diesel Engine-Alternator Circuit - 500 KW, 3-phase, 208-240 or 416-480 Volts - KS-15777

SD-81490-01 Automatic Diesel Engine - Alternator Circuit, 350 KW, 3-Phase, 208-240, 416-480 Volts - KS-15899

SD-81491-01 900 Type Plants - Reserve Power Plant Schematic - 350 KW, 3-Phase, 208-240, 416-480 Volts Using KS-15899, Automatically Controlled Diesel Engine - Alternators - J86630

SD-81492-01 900 Type Plants - Manual Diesel Engine Alternator Circuit, 350 KW, 3-phase, 208-240, 416-480 Volts - KS-15899

SD-81493-01 Reserve Power Plant Schematic - 350 KW, 3-Phase, 208-240, 416-480 Volts Using KS-15899 Manually, Controlled Diesel Engine - Alternators - J86630

SD-81511-01 900 Type Plants - Engine Driven Alternator Automatic Control Circuit - 3-Phase, 208-240 Volts, 30 to 100 KW - J86624

SD-81512-01 900 Type Plants - Automatic Reserve Power Plant Schematic - 30-60 KW, 3-Phase, KS-5750, KS-15890, 100 KW, 3-Phase, KS-15890 Diesel Sets - J86620, J86629

2G GROUNDING CIRCUITS

SD-80850-01 "J" Carrier Telephone Grounding Circuit - Auxiliary Station

SD-80852-01 "K" Carrier Telephone Grounding Circuit - Auxiliary Station

SD-81094-01 TD-2 Grounding Circuit for Repeater Stations - 425A Plants

SD-81366-01 For Remote TJ Radio Stations

SD-81384-01 TH Radio Grounding Circuit for Lightning Protection Repeater Stations

2H LIGHTING CIRCUITS

SD-80713-01 Emergency Lighting Circuit

SD-81035-01 Fluorescent Type Lighting Circuit for Terminal and Switch Rooms

SD-81113-01 Air Navigation Obstruction Lighting Circuit, Duplex Obstruction Light With or Without Side Lighting for Use With Radio Systems

SD-81114-01 Air Navigation Obstruction Lighting Circuit, 300 MM Flashing Beacon With or Without Side Lighting for Use With Radio Systems

SD-81126-01 Control Circuit, Frame and Aisle Lighting, Incandescent Type and Appliance Outlets

SD-81506-01 Air Navigation Obstruction Lighting Circuit - 300 MM Flashing Beacon with Side Lights and Duplex Obstruction Light for Use with Radio Systems - Hughey and Phillips, Inc.

2J RECTIFIER CIRCUITSsemiconductor Type

SD-80560-01	105-125 volts 50-60 cycles AC, 0.1 Amp. 3.5V DC, 0.8 Amp. 24V AC, J86205C	SD-81195-01	Manual Regulation, 120 Volts, 0.420 Amp. DC, J86256B
SD-80589-02	Manual Regulation 1.2 Amperes, 24 volts DC, J86205F	SD-81215-01	Manual Regulation, 190 Volts, 0.55 Amp. DC, J86254B
SD-80590-03	Manual Regulation 22 Volts, 0.5 Amp. DC, 105-125 or 190-250 Volts, 50-60 Cycles AC, J86205B	SD-81216-01	Manual Regulation, 315 Volts, 0.37 Amp. DC, J86255B
SD-80591-02	Manual Regulation 10 Volts, 6 Amps. DC, J86205D	SD-81222-01	Manual Regulation, 130 Volts, 0.2 Amp. DC, J86265B
SD-81064-01	Manual Regulation, 10 Volts, 12 Amps. DC, J86220B	SD-81224-01	Automatic Regulation, 53 Volts, 125 Amps., J86239B
SD-81065-01	Manual Regulation, 20 Volts 4 Amps. DC, J86230B	SD-81233-01	50 Volts, 15 Amps. DC, KS-15655
SD-81088-01	Automatic Regulation, 12 Volts 200 Amps., J86244A	SD-81235-01	Manual Regulation, 130 Volts, 0.2 Amp. DC, J86265C
SD-81089-01	Automatic Regulation, 24 Volts, 3 Amps., J86242A	SD-81239-01	Manual Regulation, 200 Volts, 0.625 Amp. DC, J86254C
SD-81090-01	Automatic Regulation, 24 Volts, 1 Amp., J86241A	SD-81242-01	Automatic Regulation, 48 Volts, 200 Amps. DC Output- KS-15689, Lists 1, 2 and 3
SD-81093-01	Automatic Regulation, 24 Volts, 9 Amps., J86243A	SD-81243-01	Automatic Regulation, 53 Volts, 130 Amps., J86239C
SD-81123-01	Unregulated 115 Volts, 0.5 Amp. J86246B	SD-81276-01	Automatic Regulation, 22 Volts, 0.175 Amp., J86272A
SD-81129-01	Automatic Regulation, 24 and 48 Volts, 100 and 200 Amps., J86249A, B, C and E	SD-81282-01	Unregulated 20 Volts, 0.15 Amp. DC, 10 Volts AC or 18 Volts AC, 0.09 Amp., J86736A
SD-81130-01	Unregulated 20 Volts DC, 10 Volts AC and 18 Volts AC, J86248A	SD-81302-01	Automatic Regulation, 130 Volts, 24 Amperes, J86266
SD-81151-01	Manual Regulation, 130 Volts, 0.8 Amp. DC, J86256A	SD-81306-01	High Voltage Rectifier Circuit, 1900-3200 Volts, 0.26 Ampere, J86275B
SD-81156-01	Manual Regulation 12 Volts, 22 Amps., J86257	SD-81317-01	Automatic Regulation, 48 Volts, 200 Amperes, J86273
SD-81157-01	Manual Regulation, 130 Volts, 0.65 Amp., J86258	SD-81318-01	Automatic Regulation, 48 Volts, 7.5 Amps., J86281A
SD-81158-01	Manual Regulation, 250 Volts, 0.35 Amp., J86259	SD-81341-01	Manual Regulation, 11 Volts, 6 Amperes, J86277B
SD-81180-01	Automatic Regulation, 48 Volts, 30 Amps., J86263A	SD-81342-01	Manual Regulation, 11 Volts, 2 Amperes, J86277A
SD-81181-01	Automatic Regulation, 24 Volts, 30 Amps., J86263B	SD-81343-01	Manual Regulation, 135 Volts, 0.125 Ampere, J86278A
SD-81188-01	Single Cell Charger, 210 Amps. J86264A	SD-81344-01	Manual Regulation, 135 Volts, 0.375 Ampere, J86278B
		SD-81345-01	Manual Regulation, 250 Volts, 0.22 Ampere, J86280A
		SD-81354-01	For No. 5 Crossbar Line Concentrator Silicon Type - Magnetically Regulated 135 Volts, 0.2-2.0 Amperes - J86285

2J RECTIFIER CIRCUITS (Continued)Semiconductor Type (Continued)

SD-81356-01 Manual Regulation, 24 Volts,
2 Amperes, J86286A

SD-81363-01 Manual Regulation, 7 Volts
1 Ampere, J86288A

SD-81369-02 Unregulated - 1200 Volts,
0.100 Ampere - J86283B

SD-81370-01 Automatic Regulation -
2800 Volts, 0.03 Ampere -
J86283C

SD-81396-01 Automatic Regulation 48 & 24
Volts, 30 Amperes - J86231A

SD-81410-01 Automatic Regulation 48 Volts,
200 Amperes - J86295

SD-81412-01 Automatic Regulation - 4 Volts,
3 Amperes - J86298

SD-81463-01 Raise-Lower Control, 130 Volts,
100 Amperes - KS-15885

SD-81469-01 Manual Regulation, 48 Volts,
1.5 Amperes - J87200A

SD-81478-01 300 Type Plants - 5 Volts,
200 Ampere Metallic Rectifier
for Emergency Cell Recharging -
J87201

SD-81483-01 Manual Regulation, 11 Volts,
2 Amperes and 135 Volts, 0.125
Ampere - J87203A

SD-81487-01 Unregulated, +25 Volts, 0.045
Amp. DC, +11 Volts, 0.075
Amp. DC - J87202A

SD-81499-01 Ferroresonant Regulation,
48 Volts, 8 Amperes - J87205

SD-81509-01 Ferroresonant Regulation, ±18.0
Volts, 0.275 Amp. DC - J87208A

SD-81510-01 Automatic Regulation 24 Volts,
1.5 Amperes - J87207A

SD-81536-01 Ferroresonant Regulation ±20
Volts, 0.5 Amp. DC - J87215A

SD-81538-01 Ferroresonant Regulation ±12
Volts, 0.570 Amp. DC, -12 Volts,
0.250 Amp. DC, 24 Volts, 0.060
Amp. DC - J87212A

SD-81539-01 Manual Regulation, 11 Volts, 6
Amps. & 135 Volts, 0.375 Amp. -
J87213A

Electron Tube Type

SD-80605-03 Series Tube Control 115/230
Volts, 50-60 cycles A-C, 130
Volts, 0.1 Ampere DC, J86207B

SD-80606-02 Magnitude Control, 115/230
Volts, 60 Cycles AC, 50 Volts,
8 Amperes Continuous, 10 Amps.
Intermittent DC, Panel Mounted,
J86207J

SD-80606-08 50 Volts, 8 Amperes Continuous,
10 Amperes Intermittent DC,
J86207J

SD-80614-01 Magnitude Control, 190-250
Volts 50-60 Cycles AC, 17-45
Volts, 0.6 Ampere Continuous,
0.6 Ampere Intermittent DC,
J86207A

SD-80616-02 Magnitude Control, 115/230
Volts, 50-60 Cycles AC, 34/48
Volts, 3 Amperes DC, Panel
Mounted, J86207K

SD-80620-03 Phase Shift Control, 230 Volts,
50-60 Cycles AC, 130 Volts,
8 Amperes DC, J86207C

SD-80629-02 Magnitude Control, 190-250
Volts, 50-60 Cycles AC, 48-75
Volts, 0.6 Ampere DC, J86207H

SD-80642-01 Phase Shift Control, 115/230
Volts, 50-60 Cycles AC, 142
Volts, 2 Amperes and Charge
and Discharge Circuit, 130
Volts 1.5 Amperes, 405A Power
Plant for Positive Plate and
Telegraph Supply

SD-80642-02 Phase Shift Control, 115/230
Volts, 50-60 Cycles AC, 142
Volts, 2 Amperes DC and Charge
and Discharge Circuit, 130
Volts 1.5 Amperes, 405A Power
Plant, for 130 Volt Negative
Telegraph Supply, J86207F

SD-80659-02 Magnitude Control, 190-250
Volts, 50-60 Cycles AC, 130
Volts, 0.6 Ampere Continuous,
0.6 Ampere Intermittent DC,
J86207G

SD-80764-01 Magnitude Control, 120/230
Volts, 50-60 Cycles AC, 24/34
Volts, 8 Amperes Continuous,
10 Amperes Intermittent DC,
J86207M

SD-80764-02 Magnitude Control, 120/230
Volts, 50-60 Cycles AC, 24/34
Volts, 8 Amperes Continuous,
10 Amperes Intermittent DC,
Panel Mounted, J86207L

SD-80823-01 Series Tube Control, 110/120
Volts, 50-60 Cycles AC,
150/180 Volts, 0.1 Ampere
Continuous, 0.15 Ampere Inter-
mittent DC, J86207T.

SD-80871-01 Magnitude Control, 115/230
Volts, 50-60 Cycles AC, 130
Volts, 3 Amperes DC, J86207U.

SD-80927-01 Manual Regulation, 105-125
Volts or 190-250 Volts, 50-60
Cycles, 17-65 Volts, 12 Amps.
DC, J86214A

2J RECTIFIER CIRCUITS (Continued)

Electron Tube Type (Continued)

SD-80930-01	Series Tube Control, 105-125 Volts, 50-60 Cycles AC, 180 Volts, 0.1 Ampere DC, 10.1 Volts, 2 Amperes AC, 6.3 Volts, 4 Amperes AC, J86216A	SD-81011-01	150 Volt, 0.25 Ampere, J86225A, B and C
SD-80937-01	Phase Shift Control, 230 Volts, 50-60 Cycles AC, 130 Volts, 8 Amperes DC for resistance loads, J86207W	SD-81012-02	200 Volt, 0.20 Ampere, J86226C
SD-80962-01	Magnitude Control, 130 Volts, 0.2 Ampere DC, J86217A	SD-81013-01	400 Volt, 0.1 Ampere, J86228A and B
SD-80963-01	Series Tube Control, 250 Volts, 0.15 Ampere DC, J86218A	SD-81058-01	300 Volt, 0.6 Ampere, J86219B
SD-80970-01	Series Tube Control, 115 Volts, 60 Cycles AC, 300 Volts, 0.45 Ampere DC, J86219A	SD-81076-01	Auto Regulation 130 Volts - 8 Amperes - For use with Positive or Negative Grounded Batteries, J86240A
SD-80976-01	+275 Volts, 0.25 Ampere DC, -115 Volts, 0.045 Ampere DC, ±6.3 Volts, 4.5 Amperes and 0.5 Ampere, J86221A	SD-81077-01	Automatic Regulation, 130 Volts, 8 Amperes - For use with Battery Sections 130 Volts above Ground, J86240B
SD-81010-01	300 Volt, 0.22 Ampere, J86227A and B	SD-81110-01	150 Volts, 0.25 Ampere, J86225D
SD-81010-03	300 Volts, 0.10 Ampere J86227A	SD-81117-01	200 Volts, 0.25 Ampere, J86226D
		SD-81138-01	Automatic Regulation, 48 Volts, 8 Amperes DC, J86251A
		SD-81217-01	150 Volts, 0.25 Ampere, J86225E
		SD-81405-01	Regulated Tube Rectifier Circuit Constant Current Output, 150 Volts, 0.250 Ampere - J86225F

2K REGULATION AND CONTROL CIRCUIT

Battery Control Circuits

- SD-80838-01 Automatic Switching of Emergency Cells, 22-26 Volts, - 302A Plants
- SD-81022-02 Automatic Switching of Emergency Cells, Positive 125-135 Volts, 50-1000 Amperes - 702C Plant
- SD-81023-02 Automatic Switching of Emergency Cells - Positive and Negative 125-135 Volts 50-1000 Amperes - 702C Plants
- SD-81121-01 Automatic Switching of 48 Volt Emergency Cells, 45-50 Volts - 302A Plants

Charge Control Circuits

- SD-81148-01 M-G Sets and Rectifiers, Automatic Operation, 45-50 Volts - 302A Plants
- SD-81148-02 M-G Sets and Rectifiers, Automatic Operation, 45-50 Volts - 302A Plants
- SD-81175-01 M-G Sets and Rectifiers, Automatic Operation, 22-26 Volts - 302A Plants
- SD-81301-01 130 Volts - 63, 66 or 70 Cell Batteries - 410B Plants

Miscellaneous Control and Regulation Circuits

- SD-80960-01 Type "L" Carrier Telephone Power Control Circuit, Automatic Regulation, For Use With Motor Alternators, 500-2500 Volts, 0.5 Ampere, 60 Cycles - 505C Plants

- SD-80990-01 AC Voltage Regulator Circuit, 30 Volt, 20 Cycle Input, 66 Volt 0.5 Ampere Output, KS-5655
- SD-80999-01 AC Line Voltage Regulator Circuit, 105-125 Volt, 50-60 Cycle Input, 115 Volt, 250VA Output, KS-5650
- SD-81124-01 Regulator Circuit, Voltage Electronic Type, For 20 Cycle Motor Generator Sets, J86246A
- SD-81147-01 Voltage Regulator and Exciter Circuit, Rectifier Type, Electronic Control, For 24 and 48 Volt Motor Generator Set, J86250A
- SD-81150-01 Regulator Circuit, Contact Type Speed and Voltage, J86253A
- SD-81152-01 Power Control for L3 Carrier Telephone, 0-4400 Volts, 60 Cycles Regulated Current 1.5 Amps., 505D Plant
- SD-81164-01 Regulator Circuit, Current-Electronic Type (J86262A)
- SD-81229-01 AC Line Regulator Circuit 115/230V - 60 Cycle Input, 115/230V Cycle Output 750VA-J86268A
- SD-81277-01 Regulator Circuit - Voltage-Contact Type For Use with KS-5133, KS-5510 and KS-5546 Ringing Machines - J86727E
- SD-81305-01 AC Control Circuit - 230 Volt 50/60 Cycle AC Input, 0-270 Volt 9 Ampere Output - J86275A
- SD-81307-01 Regulator Circuit - Constant Current Type - 0.2 to 0.26 Ampere - J86275C
- SD-81333-01 General Start Control and Regulation Circuit - Automatic Start Control - 702C Plant
- SD-81368-01 DC Power Supply Control Circuit - J86283A

2L RINGING CIRCUITS

SD-80517-01	Four-party Selective Superimposed Machine Ringing, 1/2 Ampere Ringing Machines, No. 11 Manual Offices - 805B Plants	SD-80991-01	Superimposing and Positive Tripping Batteries, Four-party Selective Ringing or Eight-party Semi-selective Ringing - 804C & 805C Ringing Power Plant
SD-80594-03	Interrupting and Distributing Equipment, Step-by-Step Offices, 803C Plants	SD-81040-01	Superimposing Batteries, Four-party Full Selective Ringing, Eight-party Semi-selective Ringing
SD-80594-04	Interrupting and Distributing Equipment, Panel and Crossbar Offices - 803C Plants	SD-81041-01	Tripping Supply, Silent Interval Batteries for Four- or Eight-party Superimposed Ringing
SD-80594-06	Interrupting and Distributing Equipment Toll Switching System No. 4 - 803C Plants	SD-81042-01	94-101 Volt Ringing Supply for Dial and Manual Long Lines Circuit
SD-80598-02	Tripping Supply, Silent Interval Tripping Batteries for Four-party Selective Superimposed Ringing - 803C Plants	SD-81069-01	Code Ringing Applique, Auxiliary Interrupting and Distributing Equipment, Crossbar System No. 5 - 803C Plants
SD-80750-01	AC Ringing, KS-5523 Ringing Machine, 755A PBX	SD-81070-01	Ringling No-Voltage Alarm Applique, Crossbar System No. 5 - 803C Plants
SD-80828-01	Modification of SD-80779-01 SD-80780-01, and SD-80781-01 for Use in 35E97 Offices	SD-81101-01	Applique Circuit, Dial Tone Alarm and Transfer, 803 and 804 Type Plants and Similar Ringing Power Plants Equipped with Tone Alternators - J86555N
SD-80841-01	Discharge and Ringing Circuit for Emergency Reporting System, Operated from 105C Power Plant	SD-81131-01	AC-DC or Superimposed Ringing Step-by-Step System Nos. 355A & 356A - 806E Ringing Power Plant
SD-80866-01	AC Continuous Ringing, KS-5523 Regular Machine, KS-5492-01 Reserve Machine	SD-81132-01	Superimposing and Tripping Batteries - 806E and 806F Ringing Power Plants
SD-80884-01	Generator and Interrupting Equipment, Step-by-Step Systems Nos. 350A and 355A, 35E97 and 701A or 711A PBX - 806D Ringing Power Plant	SD-81139-01	Auxiliary Interrupter, 20-Code AC-DC Ringing, Step-by-Step System Nos. 355A, 356A - 806E and 806F Plants
SD-80885-01	Distributing & Control Eqpt., SXS Systems Nos. 1, 350A, 355A & 35E97, and 701A & 711A PBX (A&M Only) and 701B and 711B PBX - 806D Ringing Power Plants	SD-81141-01	Modification of Existing Ringing Power Plants to Add VHF Interference Suppression Filters
SD-80894-01	Extension Cable for Spare KS-5319-01, -02 or -03 Ringing Machine	SD-81143-01	Tone Conversion Circuit for LT1 60 IPM Line Busy Tone and LT1 120 IPM Paths Busy Tone
SD-80895-01	AC-DC or Superimposed Machine Ringing No. 11 Manual System, 806D Ringing Power Plant	SD-81168-01	Generator and Interrupting Equipment SXS System No. 1 and 350A Crossbar Systems Nos. 1 and 5 - 804C Ringing Power Plant
SD-80946-01	AC-DC Ringing, One KS-5319-01, -02, or -03 Ringing Machine		
SD-80978-01	AC-DC or Superimposed Machine Ringing, No. 5 Crossbar System 805C Plant		

2L RINGING CIRCUITS (Continued)

SD-81169-01	Distributing and Control Equipment SXS System No. 1 and 350A Crossbar Systems Nos. 1 and 5 - 804C Ringing Power Plant	SD-81325-01	Ringling and Tone Supply - 756A PBX - J86464D
SD-81202-01	Auxiliary Ringing Supply and the Battery Distributing Circuit, Civil Air Raid Warning System	SD-81329-01	Transistor 20-Cycle Supply - 756A PBX - J86464H
SD-81225-01	AC-DC or Superimposed Ringing SXS System No. 355A - 806F Ringing Power Plant	SD-81331-01	Transistor Transfer and Alarm for 20 and 60 Cycle Supplies - 756A PBX - J86464F
SD-81236-01	105V + AC Cont. Ringing Circuit, 1/2 Amp. Static Ringing Generator With Battery Driven Reserve Machine - 801E Ringing Power Plant	SD-81337-01	AC-DC Ringing 701B, 711B & 740E PBX - 806G Ringing Power Plant
SD-81244-01	800 Type Plants - Interrupter Equipment, 8 Party Semi-Selective and 4-Party Full Selective Superimposed Ringing Plus 5 Code (Type D) SXS System No. 355A - 806E and 806F Plants	SD-81352-01	800 Type Plants - Generator and Control Equipment - KS-15816 Ringing and Coin Control Sets - 803C Ringing Power Plant
SD-81278-01	800 Type Plants - For Absorbing Surges on Machine Ringing Brushes	SD-81355-01	SXS Systems Nos. 1 & 350A, Crossbar Systems Nos. 1 & 5 and Manual System No. 11 - 804D Emergency Ringing Power Plant
SD-81288-01	Interrupter Equipment - 756A PBX - J86464C	SD-81387-01	Ringling Demand Meter Circuit for Use on 1/4, 1/2, 1 and 2 Ampere, 20 Cycle Ringing Plants - J86294
		SD-81449-01	AC-DC Ringing - 608A PBX - Arranged for Battery Reserve Operation
		SD-81488-01	AC-DC Ringing - 608A PBX - Arranged for Batteryless Operation

<u>2M SERVICE CIRCUITS (Motor Starter Circuits)</u>	SD-80981-01	Power Plant for Teletypewriter Switching Unit No. 81C1	
SD-80348-01	Connections for Alternating Current Watt Hour Motors With and Without Current Transformer	SD-81095-01	Commercial and Engine Distribution TD-2 Microwave Stations - 425A Plants - J86443
SD-80479-01	Pneumatic Ticket Distributing System, 115 Volt, 60 Cycle Single Phase Heating Units for Use With Distributing Desk No. 51	SD-81140-01	TD-2 Microwave Stations - Using a Single Bay for A-C Distribution - 425A Plants
SD-80628-01	300 Type Plants, Power Service Circuit, Three-Phase, AC-DC Duplex Drive Motors	SD-81185-01	Three-phase Service
SD-80661-01	Pneumatic Ticket Distributing System, Single Phase, 60 Cycle 115 Volt Motor for Use With Roller Receiving Valve	SD-81192-01	Power Plant for 81D1 Teletypewriter Switching System, J86453A
SD-80705-01	Centrifugal Exhausters Per KS-5265-03 and KS-5405-01, Toll Power Plants	SD-81192-02	Power Plant for 81D1 Teletypewriter Switching System, J86453A
		SD-81364-01	TH Radio Microwave Stations - J86482
		SD-81365-01	Power Service and Distribution Circuit for Remote TJ Radio Stations

2N SIGNALLING CIRCUITS

SD-80596-01	135-Cycle Supply For Crossbar Number Checking-Automatic Transfer of Load	SD-80886-01	Tone Supply, Static Frequency Generators and Drum Inter- rupters - 806D Plants
SD-80707-01	60 and 120 IPM, KS-5545 Interrupter	SD-80989-01	Tone Supply, Static Frequency Generators, Emergency Alter- nator Reserve - 805C Plants
SD-80769-01	Tone Supply Using Regular and Reserve Statis Frequency Generators, Manual Offices	SD-81171-01	Howler Interrupter KS-15547 Machine J86726E
SD-80771-01	30, 60, and 120 IPM Interrupter	SD-81288-01	Ringin Circuit, Interrupter Equipment - 756A PBX- J86464C
		SD-81328-01	Transistor Low Tone Supply - 756A PBX - J86464G

2P SUPPLY CIRCUITS

SD-80324-01	AC Busy and Idle Indicating Lamps, Toll Switchboards No. 1 and No. 3, Toll Tandem Switchboards No. 1 and No. 3, Teletypewriter Switchboards No. 1A and 3A, "A" Switchboard No. 15C - 501A 5/11.5 Volt, 236/174 Ampere Power Plant	SD-80846-01	0.1 KVA, 12 Volt AC Supply - 506A Plants
SD-80523-01	Connections for Direct Current Watt Hour Meters With and Without Shunts	SD-80856-01	Emergency Power Supply Circuit, .05 KVA, Converter Operating from 24 Volt, 38 Volt or 48 Volt Battery - 504A Plants
SD-80598-02	Ringling Circuit and Tripping Supply, Silent Interval Tripping Batteries for 4-Party Selective Superimposed Ringling - 803C Plants	SD-80863-02	60 Volt AC Supply Circuit, K2 Carrier Amplifier, Regular and Emergency Filament Supply - 420A Plants
SD-80652-01	55 Volt AC, Emergency 115 Volt AC and 24 Volt DC for Pilot Channel Equipment, "C", "J" and "K1" Carrier Telephone and for Toll Swbd. Sys. - No. 4, A4A, and 4A Marker Continuity Test Supply - 420A and 420B Plants	SD-80881-01	0.75 KVA, 22 Volt, 50/60 Cycle AC Supply for Filaments, etc., Normally on AC With Reserve from 24 Volt Battery, J86724D - 506A Plants
SD-80724-02	AC Operated C1 Carrier Telephone Repeaters and C5 Carrier Telephone Terminals	SD-80892-01	K2 Carrier Telephone Grid Battery Supply Circuit for Line or Transmitting Amplifiers, -7-1/2, -16-1/2 and -25-1/2 Volts
SD-80760-01	Positive or Negative 130 Volt, 0.6 Amp. Supply With or Without Dry Battery Reserve - 403A Plant	SD-80918-01	K2 Carrier Telephone Grid Battery Supply Circuit for Twist Amplifiers, +3, -3, -7-1/2, -16-1/2, -25-1/2 and -45 Volts
SD-80770-01	AC Busy and Idle Line Indicating Lamps, 11.7 and 59 Amperes 5-8.5 Volts 60-Cycle AC - 501A Plants	SD-80929-01	50VA, 0.25, 0.5, 0.75 and 1.5 KVA, 22 Volt AC Supply - 506A Plants
SD-80791-01	24 Volt, 8 Ampere Regulated Filament (4 Ampere Maximum) and Signal Supply Without Battery Reserve	SD-80936-01	8 Amp. Positive, 3 Amp. Negative 130 Volt Supply Without Battery Reserve
SD-80810-01	10 IPM	SD-80989-01	Signaling Circuit and Tone Supply, Static Frequency Generators, Emergency Alternator Reserve - 805C Ringling Power Plant
SD-80816-01	130 Volt, 0.1 Ampere Supply With or Without Dry Battery Reserve, Grounded or Non-grounded - 403B Plant	SD-80993-01	-130 Volts, 0.6 Ampere Signaling Supply With Dry Cell Reserve - 805C Ringling Power Plants
SD-80844-01	Emergency Power Supply Circuit With Automatic Transfer from Regular Supply, 0.11-1.0 KVA Converters Operating from 24 or 48 Volt Battery - 504A Plant	SD-81001-01	Regulator, Regulated Filament Supply Circuit, 6.3 Volts AC or DC, 30VA AC, J86223
SD-80845-01	Emergency Power Supply Circuit 0.2 and 0.75 KVA, 115 Volt, 60 Cycles AC, from 130-150 Volt Battery With Automatic Transfer from Regular Supply - 504A Plants	SD-81026-01	AC Power Supply Circuit With Automatic Transfer from Regular to Emergency Supply - 504B Plants
		SD-81038-01	"L1" Carrier Telephone, 230 Volt, 60 Cycle Power Supply Circuit, 2-Motor Alternator Automatic Control - 505C Plants
		SD-81051-01	Accounting Center No. 1 Power Supply Circuit, -52 Volt and 130 Volt Supply

2P SUPPLY CIRCUITS (Continued)

- SD-81052-01 Accounting Center No. 1 Power Supply Circuit 120V, 1-Phase, 208V, 3-Phase, 60 Cycles, AC
- SD-81073-01 Video Transmission 115 Volt, 60 Cycle Power Supply Circuit - 505C Plants
- SD-81081-01 25 Volt, 1.5 Ampere Regulated Battery Supply
- SD-81082-01 400 Type Plants, 130 Volt, 0.180 Ampere Supply with Dry Battery Reserve - 403C Plant
- SD-81097-01 AC Power Supply Circuit With Automatic Transfer from Regular to Emergency Supply, 1.5 and 5 KW, 115 Volts - 504B Plants
- SD-81133-01 AC Power Supply Circuit With Automatic Transfer from Regular to Emergency Supply, 22 Volts, 50VA, 60 Cycles - 507A Plants
- SD-81135-01 Low Voltage DC and 60 Cycle AC With Provision for 20 Cycle Ringing, J86731A & D - 101G Plants
- SD-81149-01 L3 Carrier Telephone 230V, AC Power Supply - 2 Motor Alternator Automatic Control - 505D Plants
- SD-81153-01 12, 130 and 250 Volt Supplies Without Battery Reserve, J86450 - 425B Plant
- SD-81159-01 Inverter Circuit, Vibrator Type, Automatic Regulation, 130 Volts, 7.5 Amperes DC, 117 Volts, 0.75 KVA AC, KS-15574
- SD-81161-01 12V, 130V and 250V With Vibrator Standby for TD-2 Secondary Routes, J86450 - 425B Plant
- SD-81196-01 Pole Mounted 130V, 0.42 to 0.84 Ampere With Automatic Transfer for Type "0" Carrier Repeaters - J86454
- SD-81240-01 J86459A
- SD-81240-02 J86459A, List 2
- SD-81284-01 60 Volts, 60 Cycles, 600 VA With Vibrator Standby Operation from 130 or 152 Volt Battery - J86737A
- SD-81298-01 Inverter Rectifier Circuit - Vibrator Type - Automatic Regulation - Output 130 Volts DC, 0.5 Amp., Input 115 Volts, 60 Cycles or 48 Volts DC - KS-15737
- SD-81308-01 Repeated Submarine Cable, Positive 2800V, 225-250MA Regulated DC Supply - J86467A
- SD-81309-01 Repeated Submarine Cable, Negative 2800V, 225-250MA, Regulated DC Supply - J86467B
- SD-81324-01 101G Power Plants - Regulated 10.5 Volts, 60 Cycles AC - J86731B
- SD-81326-01 756A PBX - J86464
- SD-81330-01 Transistor 60 Cycle Supply - 756A PBX - J86464J
- SD-81332-01 Power Plants General - KS-15786 Transformer Connected as Auto-transformer for Modifying AC Line Voltage
- SD-81334-01 101J Power Plant - 18 or 24 Volts, 4 Amps. DC, 18 Volts, 1.6 Amps. AC, 10 Volts, 5 Amps. AC - J86471
- SD-81338-01 For TH Radio Traveling Wave Tubes, 2800V-30MA, 1200V-100MA, J86474A
- SD-81339-01 +600V, 80MA; +400V, 50MA; +200V, 400MA; -400V, 7MA - TJ Radio - J86473
- SD-81339-02 +600V, 75MA; +400V, 50MA; +200V, 400MA; -400V, 7MA - TJ Radio - J86473
- SD-81350-01 500 Type Plants - 2 Motor Alternator Automatic Control, Synchronous AC and 130V DC Motors - 230V Alternator - 508A Plants
- SD-81351-01 Vibrator - Rectifier 130V, 0.5A DC from 115V AC or DC
- SD-81371-01 Repeated Submarine Cable, Positive or Negative 2800V, 225-250MA - Regulated DC Supply for Shipboard or Land Use - J86467C
- SD-81423-01 101G Power Plants - 20 Cycle Ringing - J86731C
- SD-81442-01 +220V, 0.500A Automatic Regulation, +135V, 0.375A Manual Regulation, -11V, 10A Manual Regulation; +110V AC, 0.001A Unregulated TH Radio - J86487A

2P SUPPLY CIRCUITS (Continued)

SD-81443-01	+450V, 0.120A Automatic Regulation -170V, 0.004A Automatic Regulation -11V, 2.0A Manual Regulation TH Radio - J86488A	SD-81486-01	101J Power Plant, 18 or 24 Volts, 4 Amps. DC, 18 Volts, 1.6 Amps. AC, 10 Volts, 5 Amps. AC - J86471B
SD-81456-01	±15 Volts, 0.5 Amp. DC Rectifier, 20 V, 1.0A AC, 48V, 0.2A AC - J86489A	SD-81495-01	Neg. 48 Volt Batteryless Supply, 30, 60 or 90 Amps., Rectifiers in Duplicate With Failure Protection - J86494C
SD-81481-01	+130 or -130 Volts, 5 Amps. Batteryless Supply Rectifiers in Parallel, Diode Blocking Protection - J86494B	SD-81496-01	608A PBX with No Battery Reserve - J86495A
SD-81485-01	Neg. 24 Volt Batteryless Supply, 30, 60 or 90 Amps., Rectifiers in Duplicate with Failure Protection - J86494A	SD-81497-01	608A PBX With Battery Reserve - J86495B
		SD-81507-01	-600V, 100 MA -400V, 100 MA 10.5V, 1.76A -20V, 0.75A -27.6V, 500 MA 43.0V, 10 MA (1800 Cycles) TL Radio J86499

2R MISCELLANEOUS

SD-31310-01 Repeatered Submarine Cable
High Current Protection
Relays - J86469

SD-31311-01 Protection Circuit - Repeater-
ed Submarine Cable High
Voltage Protection Relays

SD-31313-01 Test Circuit for Current Re-
lays and Magnetic Amplifiers -
Repeatered Submarine Cable

SD-31314-01 Calibrating Cct. for Cable
and Ground Return Current
Meters - Submarine Cable Power
Supply - J86276A

SD-31425-01 TH Radio Tube Cooling System,
Blower and Control Circuit

SD-31461-01 Power Application Schematic -
TH Radio J86483

2S CIRCUIT PACKAGE SCHEMATICS

SD-81279-01 Regulator for 50V Magnitude
Control Rectifiers - 163A

SD-81411-01 824 Network

SD-81452-01 Regulator Circuits - 300A
Control, 224A Amplifier, 57A
Detector

3. CODED PLANT LISTING

<u>Coded Plant</u>	<u>SD No.</u>	<u>Classified</u>	<u>Coded Plant</u>	<u>SD No.</u>	<u>Classified</u>
101A	SD-80696-01 SD-80697-01 SD-81118-01	2C 2C 2C	303A	SD-81448-01 SD-81472-01 SD-81478-01	2C 2A 2J
101D	SD-80698-01	2C	403A	SD-80760-01	2P
101E	SD-80733-01	2C	403B	SD-80816-01	2P
101F	SD-80740-01	2C	403C	SD-81082-01	2P
101G	SD-81135-01 SD-81324-01 SD-81423-01	2P 2P 2P	405A	SD-80642-01 SD-80642-02	2J 2J
101J	SD-81334-01 SD-81486-01	2P 2P	410A	SD-80942-01 SD-80943-01	2D 2B
102F	SD-81303-01 SD-81319-01 SD-81353-01	2C 2C 2C	410B	SD-81016-01 SD-81293-01 SD-81294-01 SD-81295-01 SD-81301-01 SD-81302-01 SD-81542-01	2B 2C 2C 2C 2K 2J 2B
102G	SD-81508-01	2C			
103B	SD-80683-01 SD-80759-01 SD-80859-01	2C 2D 2C	420A	SD-80652-01 SD-80863-01 SD-80913-01 SD-80914-01 SD-80915-01	2P 2P 2D 2B 2D
105C	SD-80841-01	2D, 2L			
105D	SD-81134-01	2C	420B	SD-80652-01 SD-80913-01 SD-80915-01	2P 2D 2D
110A	SD-80720-02 SD-80722-02 SD-80753-01 SD-80755-01 SD-81180-01 SD-81210-01 SD-81270-01 SD-81271-01	2D 2B 2D 2B 2J 2D 2B 2C	425A	SD-81084-01 SD-81085-01 SD-81086-01 SD-81094-01 SD-81095-01 SD-81111-01 SD-81140-01	2C 2C 2C 2G 2M 2E 2M
110B	SD-81181-01 SD-81211-01 SD-81212-01	2J 2B 2D	425B	SD-81153-01 SD-81161-01 SD-81167-01	2P 2P 2C
111A	SD-81424-01 SD-81466-01 SD-81501-01	2C 2C 2C	426A	SD-81137-01	2C
301C	SD-81155-01	2B	501A	SD-80770-01	2P
302A	SD-80838-01 SD-80965-01 SD-80966-01 SD-81060-01 SD-81061-01 SD-81121-01 SD-81148-01 SD-81148-02 SD-81155-01 SD-81160-01 SD-81175-01 SD-81184-01	2K 2C 2D 2A 2A 2K 2K 2K 2B 2B 2K 2B	504A	SD-80844-01 SD-80845-01 SD-80856-01	2P 2P 2P
			504B	SD-81026-01 SD-81097-01	2P 2P
			505C	SD-80960-01 SD-81038-01 SD-81073-01	2K 2P 2P
			505D	SD-81149-01 SD-81152-01	2P 2K

3. CODED PLANT LISTING (Cont'd)

<u>Coded Plant</u>	<u>SD No.</u>	<u>Classified</u>	<u>Coded Plant</u>	<u>SD No.</u>	<u>Classified</u>
506A	SD-80846-01	2P	804C	SD-80991-01	2L
	SD-80881-01	2P		SD-81101-01	2L
	SD-80929-01	2P		SD-81168-01	2L
507A	SD-81133-01	2P		SD-81169-01	2L
				SD-81170-01	2A
508A	SD-81350-01	2P	804D	SD-81355-01	2L
702C	SD-80995-02	2A	805B	SD-80517-01	2L
	SD-81004-02	2C			
	SD-81015-02	2D			
	SD-81022-02	2K	805C	SD-80978-01	2L 2N, 2P
	SD-81023-02	2K			
	SD-81333-01	2K			
	SD-81335-01	2B			
	SD-81336-01	2B			
	SD-81477-01	2B			
704B	SD-80776-01	2C	806D	SD-80884-01	2L
704C	SD-80722-02	2B		SD-80885-01	2L
	SD-80774-01	2D		SD-80886-01	2N
	SD-80775-01	2A		SD-80893-01	2A
801E	SD-81236-01	2L		SD-80895-01	2L
803C	SD-80594-03	2L	806E	SD-81131-01	2L
	SD-80594-04	2L		SD-81132-01	2L
	SD-80594-06	2L		SD-81139-01	2L
	SD-80598-02	2L, 2P	806F	SD-81244-01	2L
	SD-80731-01	2A		SD-81132-01	2L
	SD-80800-01	2A		SD-81139-01	2L
	SD-81069-01	2L		SD-81225-01	2L
	SD-81070-01	2L		SD-81244-01	2L
	SD-81101-01	2L		806G	SD-81337-01
	SD-81352-01	2L	900		See Section

4. LIST OF CHANGES

<u>Dwg. No.</u>	<u>Added</u>	<u>Removed</u>	<u>Title Changed</u>
SD-80325-01		✓	
SD-80383-01		✓	
SD-80646-01		✓	
SD-80742-01		✓	
SD-80786-01		✓	
SD-80787-01		✓	
SD-80789-01		✓	
SD-80790-01		✓	
SD-80795-01		✓	
SD-80796-01		✓	
SD-80801-01		✓	
SD-80909-01			✓
SD-81034-02		✓	
SD-81050-01		✓	
SD-81079-01		✓	
SD-81095-01			✓
SD-81118-01			✓
SD-81119-01		✓	
SD-81122-01		✓	
SD-81135-01			✓
SD-81146-01		✓	
SD-81148-02	✓		
SD-81152-01			✓
SD-81168-01			✓
SD-81169-01			✓
SD-81272-01		✓	
SD-81273-01		✓	
SD-81295-01			✓
SD-81350-01			✓
SD-81449-01	✓		
SD-81463-01			✓
SD-81487-01	✓		
SD-81490-01	✓		
SD-81491-01	✓		
SD-81492-01	✓		
SD-81493-01	✓		
SD-81499-01	✓		
SD-81501-01	✓		
SD-81506-01	✓		
SD-81507-01	✓		
SD-81508-01	✓		
SD-81509-01	✓		
SD-81510-01	✓		
SD-81511-01	✓		
SD-81512-01	✓		
SD-81536-01	✓		
SD-81538-01	✓		
SD-81539-01	✓		
SD-81542-01	✓		