

**NUMERICAL INDEX — DIVISION 167  
POWER PLANTS, POWER UNITS, AND POWER SUPPLY**

**1. GENERAL**

- 1.01** This section provides an index of System-issued sections in Division 167.
- 1.02** A bullet (●) indicates an item that has been added or changed since the previous issue of the index.
- 1.03** A square (□) indicates a canceled item. Information relating to the cancellation, if necessary, will be shown in a note following the item. Canceled items and related notes will be deleted upon reissue of the index.
- 1.04** "Add" is the abbreviation for Addendum, and "Sup" is the abbreviation for Supplement.

**2. LAYERS**

- 2.01** This division is arranged in layers as follows:  
167-0 Indexes and Equipment Test Lists  
-2 Power Plants — Located on Customer or Telephone Company Premises  
-4 Power Plants and Power Units — Located on Customer Premises  
-6) Power Plants and Power Supply — Located on Telephone  
-7) Company Premises

**3. INDEX**

Section Number	Issue	Subject
<b>167-0 INDEXES AND EQUIPMENT TEST LISTS</b>		
● 167-000-000	89	Numerical Index — Division 167 — Power Plants, Power Units, and Power Supply

**167-001 Equipment Test Lists (ETL)**

● 167-001-013	3	Located on Customer or Telephone Company Premises
● 167-001-017	3	Located on Telephone Co. Premises
● 167-001-018	3	Located on Telephone Co. Premises

**167-2 POWER PLANTS — LOCATED ON CUSTOMER OR TELEPHONE COMPANY PREMISES**

**Coded DC Power Plants**

167-208-301	1	102G (J86802) — Operating Methods
167-210-301	5	105D (J86446) — Operating Methods
167-210-302	3	105E (J86814) — Operating Methods
167-215-301	7	110A (J86572) and 110B (J86455) — Operating Methods
167-217-301	7	111A (J86470) — Operating Methods

**Ringling Power Plants**

167-255-301	6	806D (J86596) — Operating Methods
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Section Number	Issue	Subject
<b>Pole Mounted Power Supply — P1 Carrier</b>		
167-275-301	2	J86463A — Operating Methods
167-275-302	1	J86463B — Operating Methods
167-275-303	1	J98707M — Operating Methods
<b>Converter Power Plants</b>		
167-276-301	2	671A (J86880) — Operating Methods
<b>Battery Supply — 1A Line Concentrator</b>		
167-285-301	3	KS-15917, List 3 Battery Supply — Operating Methods

**167-4 POWER PLANTS AND POWER UNITS — LOCATED ON CUSTOMER PREMISES**

**General**

167-400-180	2	Selection for Use With Customer Equipment Key Systems and Small PBX
167-400-200	4	General Installation Requirements
167-400-210	3	Power-Cord Plug-Retainer Assemblies — Power-Cord Plug Adapters for Use With Power Plants and Equipment Located on Customer Premises — Identification and Installation

**101 Type Power Plants**

167-410-200	1	101A (J59010C) — Identifications, Installation, and Connections
Add 167-410-201	1	
167-410-201	3	101A (J59010F) — Identification, Installation, and Connections
167-410-301	1	101A (J59010) — Arranged for Cable Pair Charging or Rectifier Charging Without Charge Control Relay — Trial Charge Rates — 550, 551, 555, and 557 PBX
167-414-201	1	101E (J86566A) — Identification, Installation, and Connections
167-414-202	1	101E (J86566B) — Identification, Installation, and Connections
167-415-201	1	101F (J86567) — Installation
167-416-201	7	101-G (J86731) — Identification, Installation, and Connections
167-417-201	1	101H (J86736) — Identification, Installation, and Connections
167-419-201	3	101J (J86471A) — Identification, Installation, and Connections

**SECTION 167-000-000**

Section Number	Issue	Subject
167-419-202	4	101J (J86471B) — Identification, Installation, and Connections

**Power Units — KS Specifications**

167-430-102	1	KS-19352 L2 — General Description
167-430-103	1	KS-19352 L3 — General Description
167-430-104	1	KS-19352 L4 — General Description
167-430-301	1	KS-19352 L1 and L5 — Operating Methods
167-430-302	1	KS-19352 L2 — Operating Methods
167-430-303	1	KS-19352 L3 — Operating Methods
167-430-304	1	KS-19352 L4 — Operating Methods
167-431-301	2	KS-20119 L1, L2, L3, and L4 — Operating Methods

**Power Units — Coded**

Add 167-440-201	1	
167-440-201	2	19B2, 19C2, 20B1(MD), 20B2, and 20G2 — Identification, Installation, Connections, and Maintenance
167-445-101	2	28A1-Type — Identification, Installation, and Connections
Add 167-446-101	1	
167-446-101	2	29- and 30-Type — Identification, Installation, and Connections
167-447-101	1	34B1 and 34C1 — Identification, Installation, and Connections
167-448-101	1	32A1 and 32B1 — Identification, Installation, and Connections
167-449-101	1	47C — Identification, Installation, and Connections
167-450-201	1	10V DC — With Battery Reserve — The Warren Manufacturing Company — Model X10TFR3SUY(115) — Identification, Installation, and Connections
167-451-101	1	51-Type — Identification, Installation, and Connections
167-452-101	1	33A — Identification, Installation, and Connections

**Ringling Power Plants**

167-460-301	4	806G (J86472) — Operating Methods
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**PBX Power Plants and Power Supplies**

167-480-301	4	J86464 — Operating Methods
167-485-201	1	J86495A — Identification, Installation, and Connections
167-485-202	2	J86495B — With Battery Reserve — Identification, Installation, and Connections
167-486-301	3	J86808 — Operating Methods
167-487-301	3	J86810 — Operating Methods

Section Number	Issue	Subject
167-488-301	2	J86818 — Operating Methods
167-488-306	1	J86828 — Operating Methods
167-489-301	2	J86831A — Operating Methods
167-490-301	1	J86830 — Operating Methods
167-491-301	1	J86889 — Operating Methods
167-492-301	2	J87276A — Operating Methods
Add 167-493-301	1	
167-493-301	2	J86857A and B — Operating Methods
167-494-301	1	J86812 — Operating Methods
167-495-301	1	J86635 — Operating Methods
167-496-301	1	J87292A — Operating Methods
167-497-301	1	J86878A — Operating Methods
167-498-301	1	J86887 and J86888 — Operating Methods

**167-6) POWER PLANTS AND POWER SUPPLY — LOCATED ON 167-7) TELEPHONE COMPANY PREMISES**

**DC Power Plants — 100-Type**

167-604-301	2	102-D — No. 12 Offices — Operating Methods
167-606-301	2	103B (J86423) — Message Register and Tripping — Battery Supply — Operating Methods

**DC Power Plants — 300-Type**

Add 167-620-301	1	
167-620-301	5	301C — Arranged for Automatic Start Control — Operating Methods
167-620-306	4	301C — Arranged for Manual Start Control — Operating Methods
167-621-101	2	302A (J68434) — Description
167-621-301	8	302A (J86434) — Operating Methods
Add 167-622-301	1	
167-622-301	2	302B (J86636) — Operating Methods
167-623-301	4	303A (J86327) — Operating Methods
167-624-301	1	326A (J86874) — Operating Methods

**DC Power Plants — 400-Type**

167-639-301	1	403A (J86577) — 130 Volts, 0.6 Ampere — Operating Methods
167-639-306	1	403B (J86592) — 130 Volts, 100 Milliamperes — Operating Methods
167-640-311	2	J86436A Plate Supply — 130 Volt, 180 Milliamperes — Operating Methods
167-641-316	3	J86440B — 24 Volts, 1.5 Amperes — Operating Methods

Section Number	Issue	Subject	Section Number	Issue	Subject
167-642-301	1	405A (J86585) — Positive and Negative 130 Volts — Operating Methods	Add 167-672-301	1	
167-643-301	5	410A (J86584) — Operating Methods	167-672-301	4	508A (J86476) — Continuous 230-Volt AC Power — Operating Methods
167-643-302	4	410B (J86465) — Operating Methods	167-673-301	2	520A (J86840) — Operating Methods
167-644-301	1	413A (J86826) — Operating Methods	167-675-301	1	521A (J86854) — Operating Methods
167-645-301	9	420A (J86578) — Type J and K Carrier Stations Having AC Power Available — Operating Methods	167-676-301	1	Combination 505D/521A (J86854) — Operating Methods
167-645-306	4	420B — Type "J" and "K" Carrier Auxiliary Stations Having No AC Power Available — Operating Methods	167-678-301	1	523A (J86641) — Operating Methods
167-645-311	1	420A and 420B — "J" and "K" Carrier Auxiliary Stations — Miscellaneous Building Equipment — Operating Methods	167-679-301	1	524A — Operating Methods
167-646-301	5	425A — 130 Volts, 20 Amperes — Operating Methods	<b>DC Power Plants — 600-Type</b>		
167-646-306	4	425A (J86435) — 250 Volts, 20 Amperes — Operating Methods	167-684-301	2	610A (J86497) — Operating Methods
167-646-308	3	425A (J86837A and J86837B) — 250 Volts, 20 Amperes — Operating Methods	167-684-302	3	610B (J86801) — Operating Methods
167-646-311	9	425A (J86439) 12 Volts, 800 Amperes — Operating Methods	167-684-303	1	610C (J86803) — Operating Methods
167-646-312	4	425A (J86832) — 12 Volts, 1600 Amperes — Operating Methods	167-684-304	3	610D (J86807) — Operating Methods
167-646-316	1	425B (J86449) — 130 Volts, 5 Ampere Plate Supply — Operating Methods	Add 167-685-301	1	
167-646-321	3	425B (J86450) — 12-, 130-, and 250-Volt Supplies — Operating Methods	167-685-301	2	651A — Operation Methods
167-648-301	2	426A (J86442) — 130 Volt, 0.5 to 40 Ampere Supply — Operating Methods	167-686-301	1	660-Type (J86884) — Operating Methods
167-649-301	1	411A (J86862) and 411B (J86863) — Operating Methods	167-687-301	2	670A (J86879A) — Operating Methods
167-649-302	1	412A (J86864) and 412B (J86865) — Operating Methods	167-688-301	1	672A (J87811A) — Operating Methods
● 167-649-303	1	414B (J86892) — Operating Methods	<b>DC Power Plants — 700-Type</b>		
<b>AC Power Plants — 500-Type</b>			167-705-301	4	702C (J86475) — Automatic Start Control — Operating Methods
167-670-301	1	504A (J86611) — Operating Methods	167-705-306	3	702C (J86475) — Manual Start Control — Operating Methods
167-670-306	6	504B (J86617) — Operating Methods	167-706-306	1	704B (J86583) — 34 and 48 Volt, Positive and Negative — 2.5 and 8 Amperes — Operating Methods
167-671-311	2	505C (J86426) — Auxiliary Charging Equipment — Operating Methods	167-706-311	4	704C (J86590) — 48 Volts — Operating Methods
167-671-316	2	505C (J86426) — Using Motor-Alternators Continuously — Operating Methods	167-708-301	2	708A (J86827) — Operating Methods
167-671-321	3	505C (J86426) — Using Motor-Alternator For Stand-By Supply — Operating Methods	<b>Ringling, Signaling, and Tone Power Plants — 800-Type</b>		
167-671-326	6	505D (J86448) — Operating Methods	167-721-301	2	801E (J86458) — Operating Methods
			167-721-311	3	803C (J86555) — Operating Methods
			167-722-311	3	804C (J86451) — Operating Methods
			167-722-316	2	804D (J86477A L1 and L2) — Operating Methods
			167-723-311	3	805C (J86428A) — Operating Methods
			167-723-316	2	805C (J86428B) — 130-Volt Supply — Operating Methods
			167-724-321	3	806E (J86445) — Operating Methods
			167-724-326	3	806F (J86456) — Operating Methods

**SECTION 167-000-000**

Section Number	Issue	Subject	Section Number	Issue	Subject
167-724-331	5	806H (J86815) — Operating Methods	167-767-311	1	J86440C — 24 Volts, One Ampere — Operating Methods
167-725-306	3	807B (J86816A) — Operating Methods	167-768-301	2	J86454, 130-Volt Reserve — for Type "O" Carrier Repeaters — Operating Methods
167-725-311	4	807C (J86817A) — Operating Methods	Add 167-769-301	1	
Add 167-725-315	1		167-769-301	5	J86473A — Operating Methods
167-725-315	3	807D (J86829) — Operating Methods	167-770-301	4	J86474 DC — Operating Methods
167-725-316	1	807E (J86839A) — Operating Methods	Add 167-770-306	1	
167-725-317	1	807F (J87813) — Operating Methods	167-770-306	1	J86487A — +220V, +135V, —11V DC, and 110V AC — TH Radio — Operating Methods
167-725-318	1	807G (J87814) — Operating Methods	167-770-311	1	J86488A — +450V, —170V, and —11V — TH Radio — Operating Methods
Add 167-726-301	1		167-772-301	1	J86494 — Operating Methods
167-726-301	3	808A (J86834) — Operating Methods	167-773-301	1	J86637 — Operating Methods
167-727-301	1	812A (J87801) — Operating Methods	Add 167-774-301	1	
167-731-301	1	861A (J87812) — Operating Methods	167-774-301	2	J86496 — Positive or Negative 24-Volt 0 to 30 Amperes — Operating Methods
167-732-301	1	841A (J87804) — Operating Methods	Add 167-776-301	1	
167-733-301	1	852A (J87807) — Operating Methods	167-776-301	2	J86858 — Operating Methods
167-734-301	1	853A (J87809) — Operating Methods	167-777-301	2	J86643 — Operating Methods
167-735-301	1	862A (J87810) — Operating Methods	167-778-301	1	J87213A — Operating Methods
167-736-301	1	863A (J87881) — Operating Methods	167-779-301	1	J87203A — Operating Methods
167-737-301	1	873A (J86855) — Operating Methods	167-780-301	3	J86835A — Operating Methods
167-738-301	1	872A (J87808) — Operating Methods	167-782-301	1	J86853A — Operating Methods
<b>Miscellaneous Power Supplies</b>			167-783-301	2	J87279A Regulator — 19 Volts, 4 Amperes — Operating Methods
167-739-301	1	KS-19653 L1 — Operating Methods	167-784-301	1	(J86811) for Traffic Data Summarizer — Operating Methods
167-740-301	3	J86431 (110A) — 48 Volts — Operating Methods	167-785-301	1	J87300 — Remote Test Voltage Supply Circuit — Operating Methods
167-740-311	2	J86431 — 115 Volts — Operating Methods	167-787-301	1	J87321 — Constant Current — Operating Methods
167-741-301	2	J86453 — 48 Volts — Operating Methods			
167-741-311	2	J86453 — 130 Volts — Operating Methods			
167-760-301	2	For No. 1 Accounting Center — Automatic Message Accounting Systems — Operating Methods			
167-761-301	1	SD-1G055-01 Using 48-Volt Lorain T603B-1 and 130-Volt J86256A Rectifiers — Operating Methods			
167-767-301	4	J86440A and J86470U — 24 Volts, 12 and 40 Amperes — Operating Methods			
			<b>Methods</b>		
			167-790-811	2	Reconditioning Telephone Power Plant Equipment After Water Damage