

APPARATUS CATALOG CODE BOOKS

**SELECT-O-PHONE APPARATUS A-82
(There are not any obsolete book pages for this section)**

Scanned from a current code book (July 1960) and an obsolete code book (April 1946) issued by the engineering department, Kellogg Switchboard and Supply Company. The information for each section from both books has been combined under the same heading in these PDF files. Since the books are not matched up as to date there will be some missing information, when researching an item be sure and look in both books' index for the section. The current code book index also lists all the obsolete items through 1960 whereas the obsolete book index lists only items through 1946. Some files also contain charts or other supporting information to aid the researcher.

ORIGINALLY IN THE COLLECTION OF CHARLES A. PLEASANCE AND FURNISHED FOR SCANNING BY KEITH CHESHIRE FROM HIS COLLECTION

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SELECT-O-PHONE APPARATUS - INDEX

The following Select-O-Phone codes are obsolete & rated "D" (DISCONTINUED).

Amplifiers: N-17, N-18
 Bells: 5-A
 Buzzers: 11-A
 Capacitors: 241
 Cords: 807
 Horns: N-15, N-20
 Perforators: C-100, C-101, C-102, C-103, C-104, C-105
 Select-O-Phone Systems: M-5
 Speakers: N-57
 Stations, Executive: EX-522-20, EX-522-20-LH
 Station Units: I-5-BK, I-5-BU, I-5-GR, I-5-RD, I-5-WH
 Telephones: I-136, D-1002-DAK-X D-1102-DA D-1951-DAK D-9751-DAK
 I-236 I-1002-DAK D-1102-DAK I-1951-DAK D-9751-DAK-X
 I-237 1001-4B I-1102-DAK D-1953-DAK-X I-9751-DAK
 D-1002-DA D-1012-DAK D-1102-DAK-X 9750 D-9757-DAK-X
 D-1002-DAK D-9760-DAK

SELECT-O-PHONE APPARATUS - INDEX

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Boxes, Battery Feed	5	Relays	6
Boxes, Key	3	Repeaters	6
Busy Units	5		
Buzzers	2		
		Selectors	7
		Speaker & Amplifier	7
Capacitors	8	Switchboards	7
Chimes	6	Switches, Hook	4
Coils, Induction	8		
Coils, Resistance	2		
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Cords	0 - 13	Telephones	14 & 15
		Tools	3
		Transformers	7
General Call Units	5		
Handsets	5		
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SELECT-O-PHONE APPARATUS

R A T E	CODE NO.	WIND. SPEC.	RESIS- TANCE (OHMS)	OPERATOR VOLTAGE LIMITS (D.C.)	DRG. NO.	REMARKS
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Bells

S	4(A)792	1479	250	25 - 35	46109	
S	4(B)792	1480	44	6 - 14	46109	
S	5(B)792	1480	44	6 - 14	48298	
S	6(A)792	1479	250	20 - 35	200491	SAME AS 4(A)792 BELL EXCEPT RING-ER & COIL ASSEMBLY P-71369 IN PLACE OF P-70221.
S	8(A)792	1479	250	25 - 35	46109	SAME AS 4(A)792 BELL EXCEPT FRAME ASSEM. P-79854 IN PLACE OF P-70219. USED ON K-500 S-O-P.

Buzzers

S	12(A)793	1479	250	25 - 35	48181	
S	12(B)793	1480	44	6 - 14	48181	SAME AS 12(A)793 EXCEPT COIL ASSEM. 71299 IN PLACE OF 70246.
S	12(C)793	1479	250	25 - 35	48181	SAME AS 12(A)793 EXCEPT YOKE P-74856 IN PLACE OF P-71278 & BRACKET P-74855 IN PLACE OF P-71277. USED ON BRACKET TYPE TRIAD CIRCUIT TELEPHONES.
S	12(D)793	1479	250	25 - 35	48181	SAME AS 12(A)793 EXCEPT LESS P-71277 BRACKET. USED ON 1013(DA)KD TELEPHONES.
S	31()793	-	250		200819	30 VOLT LUNGEN BUZZER AS MANUFACTURED BY EDWARDS & CO.

R A T E	CODE NO.	WIND. SPEC.	RESIS- TANCE (OHMS)	CURRENT	SIZE OF WIRE	DRG. NO.	REMARKS
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Coils, Resistance

S	36(A)624	A-107	80	D.C.	30 - NS	46121	

SELECT-O-PHONE APPARATUS

R A T E	CODE NO.	WIND. SPEC.	RESIS- TANCE (OHMS)	CURRENT	SIZE OF WIRE	DRG. NO.	REMARKS
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Coils, Retard

S	69(A)625	1480	14	D.C.	32 FORMEX	48222	
S	73(A)625	1592	62.5	D.C.	32 FORMEX	201218	MOUNTED ON WOOD BASE 6" x 3" x 1/2".

R A T E	CODE NO.	BINDING POSTS	KEY	BUZZER	CKT. NO.	DRG. NO.	REMARKS
------------------	-------------	------------------	-----	--------	-------------	-------------	---------

Boxes, Key

S	83()702	14	1049()740	2 12(A)793	21307	48603	
S	87()702	14	1034()740		21211 Fig. 4	20920	

R A T E	CODE NO.	IN- DUCTION COIL	RELAY	MOUNTING	DRG. NO.	REMARKS
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Power Supply Units

S	252()603	P-71800	P-71801	P-71797	48524	

R A T E	CODE NO.	DESCRIPTION	DRG. NO.	REMARKS
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Tools

S	96()770	WRENCH & SCREWDRIVER COMBINATION.	S-21512	FOR ADJUSTING RELAY ARMA- TURES IN SELECT-O-PHONE.

SELECT-O-PHONE APPARATUS

R A T E	CODE NO.	SWITCH- HOOK PC. NO. (FOR HANDSETS)	CONTACT SPRINGS (SEE SKETCH)	USED ON (TELS.)	DRG. NO.	REMARKS
Switches, Hook						
S	179()480	56280	A		46296	SAME AS 164()480 BUT WITH SCREW TERMINALS ON OUTSIDE SPRING.
S	180()480	56280	A		20847	SAME AS 171()480 EXCEPT LESS MOUNTING BRACKET. NO ESCUTCHEON.
S	182()480	56280	B		48578	SOLDER TYPE TERMINALS.
S	184()480	56280	C	9757(DA)KD 9759(DA)KD	200704	TERMINALS PROJECT FROM SIDE.
S	185()480	56280-2	C	9761(DA)KD 9761(DA)XKD	200704	SAME AS 184()480 EXCEPT HOOK IS WALNUT BROWN.
S	186()480	56280-2	D		200990	WALNUT BROWN HOOK.

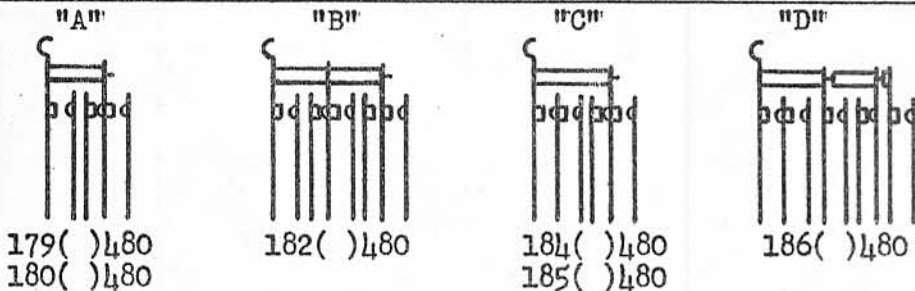
Switch Hook Levers



P-56280 (Black Finish)

P-56280-2 (Walnut Finish)

Switch Hook Contact Springs - All of the Switch Hook Contact Springs shown below are with receiver on hook or hook down.



SELECT-O-PHONE APPARATUS

R A T E	CODE NO.	TRANS. PC. NO.	RECEIVER AND W.S. NO.	CORD	CKT. NO.	DRG. NO.	REMARKS
Bakelite Handsets (For Test Requirements See G.M. 325)							
S	58(C)410	66521	89(A)758 W.S. 1255	1002()650	21256 Fig. 1	46087	FOR 9751(DA)KI TEL. SAME AS 47(C)410 EXCEPT WALNUT BROWN INSTEAD OF BLACK.
S	67(C)410	66521	89(A)758 W.S. 1255	1000()650	21256 Fig. 1	44191	SAME AS 58(C)410 EXCEPT WALNUT BROWN INSTEAD OF BLACK.
S	68(C)410	66521	89(A)758 W.S. 1255	1002()650	21256 Fig. 1	46087	SAME AS 58(C)410 EXCEPT WALNUT BROWN INSTEAD OF BLACK.

R A T E	CODE NO.	DESCRIPTION	DRG. NO.
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Box, Battery Feed

S	225()970	PROVIDES BATTERY CURRENT BETWEEN TELEPHONE AND SWITCHBOARD.	202187

Busy Unit

S	81()970	PROVIDES BUSY TONE WHEN BUSY LINE IS DIALED.	202160

General Call Unit

S	79()970	PERMITS VOICE PAGING OR OPERATION OF AUDIBLE SIGNALS FROM TELEPHONE.	202227

SELECT-O-PHONE APPARATUS

R A T E	CODE NO.	DESCRIPTION	DRG. NO.								
Chime											
S	11()970	30 VOLT D.C. BLACK FINISH SIZE: 4-31/32" x 3-9/32" x 2-1/4".	200977								
Rack, Connecting											
S	29()783	1-13/16" x 3-11/16" WITH METAL COVER. 10 POINT. USED WITH 838()650 CORD. EQUAL TO W.E. #1044A-9.	201248								
Rectifier, Load Regulated											
S	20()799	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%;"><u>A.C. INPUT</u></td> <td style="width: 50%;"><u>D.C. OUTPUT</u></td> </tr> <tr> <td>VOLTS 115</td> <td>VOLTS 30</td> </tr> <tr> <td>PHASE 1</td> <td>AMPS. .5</td> </tr> <tr> <td>CYCLES 60</td> <td>DUTY CONTINUOUS</td> </tr> </table>	<u>A.C. INPUT</u>	<u>D.C. OUTPUT</u>	VOLTS 115	VOLTS 30	PHASE 1	AMPS. .5	CYCLES 60	DUTY CONTINUOUS	201087
<u>A.C. INPUT</u>	<u>D.C. OUTPUT</u>										
VOLTS 115	VOLTS 30										
PHASE 1	AMPS. .5										
CYCLES 60	DUTY CONTINUOUS										
S	22()799	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%;"><u>A.C. INPUT</u></td> <td style="width: 50%;"><u>D.C. OUTPUT</u></td> </tr> <tr> <td>VOLTS 115</td> <td>VOLTS 24</td> </tr> <tr> <td>CYCLES 60</td> <td>AMPS. 2.0</td> </tr> </table>	<u>A.C. INPUT</u>	<u>D.C. OUTPUT</u>	VOLTS 115	VOLTS 24	CYCLES 60	AMPS. 2.0	202073		
<u>A.C. INPUT</u>	<u>D.C. OUTPUT</u>										
VOLTS 115	VOLTS 24										
CYCLES 60	AMPS. 2.0										
S	24()799	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%;"><u>A.C. INPUT</u></td> <td style="width: 50%;"><u>D.C. OUTPUT</u></td> </tr> <tr> <td>VOLTS 115</td> <td>VOLTS 24</td> </tr> <tr> <td>CYCLES 60</td> <td>AMPS. 4.0</td> </tr> </table>	<u>A.C. INPUT</u>	<u>D.C. OUTPUT</u>	VOLTS 115	VOLTS 24	CYCLES 60	AMPS. 4.0	202079		
<u>A.C. INPUT</u>	<u>D.C. OUTPUT</u>										
VOLTS 115	VOLTS 24										
CYCLES 60	AMPS. 4.0										
Relay											
S	94()670	SPEAKER CONTROL RELAY.	202106								
S	98()670	LIGHT DUTY RELAY. USED IN GENERAL CALL SYSTEM TO PER- MIT CONTROL OF MULTIPLE AUDIBLE OR VISUAL SIGNAL.	202116								
S	99()670	HEAVY DUTY RELAY. USED IN GENERAL CALL SYSTEM TO PER- MIT CONTROL OF MULTIPLE AUDIBLE OR VISUAL SIGNAL.	202119								
Repeater											
S	14()851	LONG LINE REPEATER.	201976								

SELECT-O-PHONE APPARATUS

R A T E	CODE NO.	DESCRIPTION	DRG. NO.
Selector			
S	30()970	STANDARD SELECTOR. INCLUDES PRIVACY FEATURE.	202375
S	33()970	RIGHT OF WAY SELECTOR. DOES NOT INCLUDE PRIVACY FEATURE.	202256
Speaker & Amplifier			
S	95()970	OPERATES WHEN CONNECTED TO ANY SELECT-O-PHONE INSTALLATION OR THRU 79()970 GENERAL CALL UNIT.	202257
Switchboard			
S	12(1)960		202526
S	12(2)960	INCLUDES 2 AMP. #22()799 LOAD REGULATED RECTIFIER.	202526
S	24(1)960		202527
S	24(2)960	INCLUDES 2 AMP. #22()799 LOAD REGULATED RECTIFIER.	202527
S	24(4)960	INCLUDES 4 AMP. #24()799 LOAD REGULATED RECTIFIER.	202527
S	36(1)960		202528
S	36(2)960	INCLUDES 2 AMP. #22()799 LOAD REGULATED RECTIFIER.	202528
S	36(4)960	INCLUDES 4 AMP. #24()799 LOAD REGULATED RECTIFIER.	202528
S	55(1)960		202529
S	55(4)960	INCLUDES 4 AMP. #24()799 LOAD REGULATED RECTIFIER.	202529
Transformer, Line Matching			
S	317()690	POTTED IN STEEL CASE WITH BOTTOM LEADS. MICROPHONE OR LINE TO SINGLE GRID. IMPEDANCE: PRIMARY 500/333/200/125/50 OHMS, SECONDARY 89,000 OHMS OVERALL TURNS RATIO: 1 TO 13.3 PRIMARY TO SECONDARY.	201129

Capacitors

R A T E	CODE NO.	DIMENSIONS OF CAPACITOR CAN			CAP. IN M.F.	MAX. PEAK WORK VOLTS D.C.	FLASH TEST D.C. AT 15 SEC.	NO. OF PAPERS	PAPER THICKNESS (EACH)	MINIMUM INSIDE RESIST- ANCE IN MEGOHMS	MOUNTING ARRANGEMENT (SEE TAB A12)		DRG. NO.	REMARKS
		HEIGHT	WIDTH	THICK- NESS							PAGE	SKETCH		
S	232()705	2-1/8"	1-1/2"	1-1/8"	1.0	160	320	2	.0004	1000				SIMILAR TO 187()705. MOUNTS WITH SCREW IN COVER INSTEAD OF MOUNTING LUG.
					1.50	160	320	2	.0004	666			48666	TUBULAR. BARE WIRE LEADS AT EACH END 15-VOLTS A.C. 40 VOLTS D.C.
S	246()705	1-3/4"	Dia. 7/16"		2						D	W	S-21505	

Coils, Induction

R A T E	CODE NO.	OVERALL LENGTH	W.S.	NO. OF TERMS.	TERM. NO.		WINDINGS	RESIST- ANCE	WIRE SIZE	TURNS	DRG. NO.	REMARKS
					IN	OUT						

Overall Dimensions Do Not Include Terminals.

S	117(A)629	3" x 1-7/8"	1583	6	1	7	1st	15	31	390	20872	1st WDG. IN SERIES WITH (NON- IND.) 4th & 3rd WINDINGS. 3rd WINDING IN SERIES WITH (NON- IND.) 4th WINDING.
					5-3	2	2nd	14.5	31	350		
					6	4	3rd	280	34 NS	190		
					7	6	4th	100	34 NS	NON IND.		

11/10/58

Cords - Desk Stand

R A T E	CODE NO.	TERMS. (SEE SEC. A12 PGS. A & B)		CONDUCTOR LENGTHS		COND. COLORS	LENGTH BUTT TO BUTT	USED ON	DRG. NO.	REMARKS
		STAND END	BOX END	STAND END	BOX END					
4-Conductor - 12 Strands Cad. Copper (GM-337) - Rubber Covered Conductors - Black Merc. Cotton Overall Braid.										
S	797(MFP)650	68581	68581	3-1/2"	1-3/4"	Black	68-5/8"	P-71363 Cord & Plug Assem. For Tel. 9757(DA)KD	53035-C	
				"	"	Red				
				"	"	Green				
				"	"	White				
S	812(MFP)650	67316	68581	1-3/4"	1-3/4"	Black	68-1/4"		53102-C	CORD CLAMP HOOK P-64832 ON STAND END.
				"	"	Red				
				"	"	Green				
				"	"	White				
4-Conductor - 12 Strands Cad. Copper (GM-337) - Rubber Covered Conductors - Brown Merc. Cotton Overall Braid.										
S	828(MFP)650	67316	68581	3-1/2"	1-3/4"	Black	68-5/8"	9761(DA)KD Telephone	53321-C	
				"	"	Red				
				"	"	Green				
				"	"	White				
S	830(MFP)650	67316	68581	1-3/4"	1-3/4"	Black	68-1/4"	1014(DA)XKD Telephone	53323-C	CORD CLAMP HOOK P-64832 ON STAND END. SAME AS 812(MFP)650 EXCEPT BROWN.
				"	"	Red				
				"	"	Green				
				"	"	White				

SELECT-O-PHONE APPARATUS

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Cords - Desk Stand

R A T E	CODE NO.	TERMS. (SEE SEC. A12 PGS. A & B)		CONDUCTOR LENGTHS		COND. COLORS	LENGTH BUTT TO BUTT	USED ON	DRG. NO.	REMARKS	** COLOR CODES		
		STAND END	BOX END	STAND END	BOX END								
4-Conductor - Rubber Covered Conductors - Neoprene Jacket											00	Black	
S	3045**(10)650	75325	75325	1"	1-3/8"	Green	70-1/2"	500 Type Select-0- Phone	53341-C	CORD CLAMP HOOK P-75421 ON STAND END.	02	Red	
				"	"	Yellow					03	Brown	
				"	"	Red					04	Yellow	
				"	"	Black					05	Green	
											06	Blue	
												07	Beige
												08	Gray
												09	Ivory
												10	Turquoise
5-Conductor - Rubber Covered Conductors - Neoprene Jacket											11	Rose Pink	
S	3046**(10)650	75325	75325	1"	1-3/8"	Green	70-1/2"	500 Type Select-0- Phone	53342-C	CORD CLAMP HOOK P-75421-2 ON STAND END.	12	Aqua Blue	
				"	"	Red					13	Light Beige	
				"	"	Yellow					14	Light Gray	
				"	"	Black					15	White	
				"	"	Blue							

SELECT-O-PHONE APPARATUS

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Cords - Desk Stand

R A T E	CODE NO.	TERMS. (SEE SEC. A12 PGS. A & B)		CONDUCTOR LENGTHS		COND. COLORS	LENGTH BUTT TO BUTT	USED ON	DRG. NO.	REMARKS
		STAND END	BOX END	STAND END	BOX END					
5-Conductor - 12 Strands Cad. Copper (GM-337) - Rubber Covered Conductors - Black Merc. Cotton Overall Braid.										
S	798(MFP)650	67316	68581	1-3/4"	1-3/4"	Black	68-5/8"		53085-C	CORD CLAMP P-64481 ON STAND END.
				"	"	Red				
				"	"	Green				
				"	"	White				
S	799(MFP)650	68581	68581	3-1/2"	1-3/4"	Black	68-5/8"	P-71366 Cord & Plug Assem. For Tel. 9759(DA)KD	53084-C	
				"	"	Red				
				"	"	Green				
				"	"	White				
S	829(MFP)650	67316	68581	1-3/4"	1-3/4"	Black	65-5/8"	1017(DA)XKD Telephone	53322-C	CORD CLAMP HOOK P-64481 ON STAND END.
				"	"	Red				
				"	"	Green				
				"	"	White				
S	832(MFP)650	67316	68581	3-1/2"	1-3/4"	Black	65-5/8"	9761(DA)XKD Telephone	53328-C	
				"	"	Red				
				"	"	Green				
				"	"	White				
S	832(MFP)650	67316	68581	3-1/2"	1-3/4"	Black	65-5/8"	9761(DA)XKD Telephone	53328-C	
				"	"	Red				
				"	"	Green				
				"	"	White				
S	832(MFP)650	67316	68581	3-1/2"	1-3/4"	Black	65-5/8"	9761(DA)XKD Telephone	53328-C	
				"	"	Red				
				"	"	Green				
				"	"	White				
S	832(MFP)650	67316	68581	3-1/2"	1-3/4"	Black	65-5/8"	9761(DA)XKD Telephone	53328-C	
				"	"	Red				
				"	"	Green				
				"	"	White				
S	832(MFP)650	67316	68581	3-1/2"	1-3/4"	Black	65-5/8"	9761(DA)XKD Telephone	53328-C	
				"	"	Red				
				"	"	Green				
				"	"	White				

SELECT-O-PHONE APPARATUS

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Telephones

R A T E	CODE NO.		DIAL	HANDSET	COIL	BELL OR BUZZER	PUSH BUTTON	CKT. NO.	DRG. NO.		REMARKS
	1000 SERIES (DESK TYPE)	1100 SERIES (WALL TYPE)							1000 TYPE	1100 TYPE	
	1000 & 1100 Type Telephones										
S	1014(DA)KD	1114(DA)KD	18(D)450	47(C)410	113(A)629 Induction	4(A)792 Bell	Pc. 74690	21313	46107	46108	CORD & PLUG ASSEMBLY P-70290 ON DESK TYPE.
S	1014(DA)XKD	1114(DA)XKD	"	"	"	"	"	21314	"	"	CORD & PLUG ASSEMBLY P-71366 ON DESK TYPE.
S	1016(DA)KD	1116(DA)KD	"	"	"	"	"	21315	200479	200709	CORD & PLUG ASSEMBLY P-71366 ON DESK TYPE.
S	1017(DA)KD	1117(DA)KD	21(D)450	67(C)410	"	"	Pc. 74690-2	21313	46107	46108	WALNUT BROWN. CORD & PLUG ASSEMBLY P-70290-2 ON DESK TYPE.
S	1017(DA)XKD	1117(DA)XKD	"	"	"	"	"	21314	"	"	WALNUT BROWN. CORD & PLUG ASSEMBLY P-71366-2 ON DESK TYPE.
S	1018(DA)KD	1118(DA)KD	"	"	"	"	"	21315	200479	200709	WALNUT BROWN. CORD & PLUG ASSEMBLY P-71366-2 ON DESK TYPE.
S	1013(DA)KD		18(D)450	47(C)410	"	12(D)793 Buzzer	Pc. 74690 74690-2	21317	200781		CORD & PLUG ASSEMBLY P-71366.
S	1019(DA)KD		21(D)450	67(C)410	"	"	"	"	"		WALNUT BROWN. CORD & PLUG ASSEMBLY P-71366-2.
S		1115(DA)KD	"	"	"	4(A)792 Bell	Pc. 74690-2	21313		46108	WALNUT BROWN. CORD & PLUG ASSEMBLY P-70290-2 & TERMINAL BOX ASSEMBLY P-70277-2.
S		1115(DA)XKD	"	"	"	"	"	21314		"	WALNUT BROWN. CORD & PLUG ASSEMBLY P-71366-2 & TERMINAL BOX ASSEMBLY P-70277-2.

SELECT-O-PHONE APPARATUS

Telephones

R A T E	CODE NO.	DIAL	HANDSET	IN- DUCTION COIL	BELL OR BUZZER	KEY OR PUSH BUTTON	HOOK SWITCH	CKT. NO.	DRG. NO.	REMARKS
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Bracket Type Telephones

S	9757(DA)KD	18(D)450	58(C)410	117(A)629	12(C)793 Buzzer	400()740 Key	184()480	21316	200711	CORD & PLUG ASSEMBLY P-71363.
S	9759(DA)KD	"	"	"	"	"	"	21529	200739	CORD & PLUG ASSEMBLY P-71366-3.
S	9761(DA)KD	21(D)450	68(C)410	"	"	"	185()480	21316	200711	WALNUT BROWN. CORD & PLUG ASSEMBLY P-71363-2.
S	9761(DA)XKD	"	"	"	"	"	"	21528	"	WALNUT BROWN. CORD & PLUG ASSEMBLY P-71366-4.

Weather Proof Telephones

S	4952(DA)KD	18(D)450	47(C)410	117(A)629	6(A)792 Bell	P-74690 Push But.	184()480	21530	200742	
S	4953(DA)KD	21(D)450	"	"	"	"	"	"	"	