

TABLE C - SUFFIXES					
SUFFIX	LAST PARTY RELEASE	CALLING PARTY RELEASE (ALONE)	CALLING PARTY RELEASE WITH TIMED DISCONNECTION	RELEASE-ALARM LEAD SUPPLIES	REMARKS
	(WIRING "L")	(WIRING "C" & "Y")	(WIRING "D")	(WIRING "M") (WIRING "P")	
A	*	*		*	A & M
B	*	*		*	
C		*		*	A & M
D		*		*	
E			*	*	

TABLE B (NOTE 23)									
FIGURES (USE "S" WIRING)									
LOOP	FIG.	GEN. CONNECTION (NOTE 16)		TOLL MARKING	FREE SERVICE ON SPEC. LEVELS	TOLL BUSY IS VIA	TOLL SUPPLY IS VIA	WIRE TOLL SEL. BANKS TO ACCESS	WIRE LOC. SEL. BANKS TO ACCESS
		FIG. BG (BAT. CONN. GEN.)	FIG. GG (ORD. CONN. GEN.)						
1000 OHM	11					REV. BAT.	REV. BAT.	"B"	"B"
	12					REV. BAT.	REV. BAT.	"A"	"A"
	13					EC LEAD TONE	EC LEAD TONE	"B"	"B"
	14					EC LEAD TONE	EC LEAD TONE	"A"	"A"
	15					REV. BAT.	REV. BAT.	"B"	"B"
	16					REV. BAT.	REV. BAT.	"A"	"A"
	17					EC LEAD TONE	EC LEAD TONE	"B"	"B"
	18					EC LEAD TONE	EC LEAD TONE	"A"	"A"
	19	*		*		REV. BAT.	REV. BAT.	"B"	"B"
	20	*		*		REV. BAT.	REV. BAT.	"A"	"A"
1200 OHM	21					EC LEAD TONE	EC LEAD TONE	"B"	"B"
	22	*		*		EC LEAD TONE	EC LEAD TONE	"A"	"A"
	23		*	*		REV. BAT.	REV. BAT.	"B"	"B"
	24		*	*		REV. BAT.	REV. BAT.	"A"	"A"
	25		*	*		EC LEAD TONE	EC LEAD TONE	"B"	"B"
	26		*	*		EC LEAD TONE	EC LEAD TONE	"A"	"A"
	27		*	*		EC LEAD TONE	EC LEAD TONE	"B"	"B"

N.A.F.M.

TABLE A (NOTE 23)							
FIGURES (USE "R" WRG)							
LOOP	FIG.	GEN. CONNECTION (NOTE 16)		RING-BACK TONE (NOTE 22)		TOLL FLASH BUSY (NOTE 13)	
		FIG. BG (BAT. CONN. GEN.)	FIG. GG (GRD. CONN. GEN.) (APP. "V")	CAP. M 4/100 MF (ROTARY)	CAP. M 5/1000MF (VIBRATORS)	FIG. LR & LR1 (LOOP) REVERSAL	FIG. FW & "W" WRG. (FOURTH WIRE)
1000 OHM	11	*		*		*	*
	12	*		*		*	*
	13	*		*		*	*
	14	*		*		*	*
	15	*		*		*	*
	16	*		*		*	*
	17	*		*		*	*
	18	*		*		*	*
	19	*		*		*	*
	20	*		*		*	*
1200 OHM	21	*		*		*	*
	22	*		*		*	*
	23	*		*		*	*
	24	*		*		*	*
	25	*		*		*	*
	26	*		*		*	*
	27	*		*		*	*

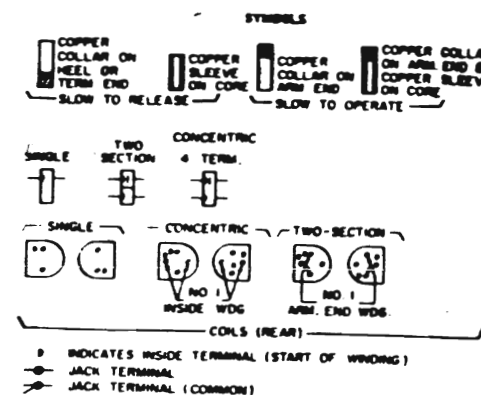
MFG. DIS.

MFG. DIS.

TABLE D - SUFFIXES									
SUFFIX	ISSUED	LAST USED	LAST USED BY	FACTORY	REVISION	THICK	NOTES	REMARKS	REMARKS
A	7	8	8	8			28		
B	1	8	8	8			28		
C	1					A-D	C		
D	9					E	C		
E	1	4	4	4			28		
F	1						28		
G	1	5	5	5					
H	1						27		
I	1						27		
J	1	8	8	8			28		
K	7						28		
L	1					A, B	C		
M	1	9	9	9					
N	1					A, C	C		
O	10								
P	1					B, D, E	C		
Q	1	9	9	9			29		
R	1					1-10	A		
S	2					11-25	B		
T	10						29		
U	1	9	9	9					
V	1						A, B	29	
W	2						A, B	21	
X	10								
Y	7								
Z	4						B	25	
AA	1	12	12	12					
AB	13								
AC	13	1	1	1		AD			
AD	14	18	18	18			29		
AE	1	14	14	14			31		
AF	15						31		
AG	10	14	14	14					
AH	16								
AI	1	18	18	18					
AJ	10	15	15	15					
AK	16						29		
AL	1	19	19	19					
AM	20								
AN	16	19	19	19					
AO	1	22	22	22					
AP	23								

MANUFACTURING NOTES: (CONT'D)

- 22-RING-BACK CAPACITOR "H" TO BE .04 MF WHEN APPARATUS TYPE 4-100-1000 IS USED. RING-BACK CAPACITOR "H" TO BE .005 MF WHEN VIBRATOR TYPE 4-100-1000 IS USED.
- 23-PRIOR TO ISSUE 2, "R" WIRING WAS PART OF FIGURES 1-10; "S" WIRING, FIG. FS & FIGS. 11-22 WERE NOT SHOWN. BEGINNING WITH ISSUE 2, FIGS. 1-10, FW & LR1 AND "R" WIRING ARE MANUFACTURING DISCONTINUED. ENGINEER SHALL SPECIFY FIGURES IN ACCORDANCE WITH TABLE B.
- 24-FIGS. 11-26 CAPACITOR "M" IS .04 MF.
- 25-PRIOR TO ISSUE 4, "V" WIRING AND APPARATUS IN FIG. GG WAS PART OF CIRCUIT. "Z" WIRING AND APPARATUS AND FIGS. 23-26 WERE NOT SHOWN. BEGINNING WITH ISSUE 4, "Z" WIRING AND APPARATUS SHALL BE USED WHEN 1200 OHM LOOP IS SPECIFIED, AND "V" WIRING AND APPARATUS SHALL BE USED WHEN 1000 OHM LOOP SERVICE IS SPECIFIED. SEE TABLES A AND B.
- 26-PRIOR TO ISSUE 5, "E" WIRING AND APPARATUS WAS PART OF CIRCUIT AND "E" WIRING AND APPARATUS WAS NOT SHOWN. "F" WIRING AND APPARATUS SUPERSEDES "E" WIRING AND APPARATUS ON ALL FUTURE ORDERS.
- 27-PRIOR TO ISSUE 6, RELEASE-MAGNET COIL HAD 1000 OHM N.I. WINDING, AND WIRINGS & APPARATUS "M" AND "I" WERE NOT SHOWN. BEGINNING WITH ISSUE 6, OMIT RELEASE-MAGNET COIL'S N.I. WINDING AND PROVIDE WIRING & APPARATUS "I". FOR FIELD CONVERSION, VARISTOR MAY BE ADDED WITHOUT RELEASE-MAGNET COIL CHANGE. APPARATUS & WIRING "M" WAS INADVERTENTLY OMITTED ON ISSUES 9-13 INCLUSIVE. SEE TABLE D FOR USAGE.
- 28-ISSUES 7 & 8 ONLY, RELAY N COIL HAD ARMATURE-END COLLAR, BEGINNING WITH ISSUE 7, APPARATUS & WIRING "K" SUPERSEDES APPARATUS "J".
- 29-PRIOR TO ISSUE 10, WIRING "Q" WAS PART OF CIRCUIT, AND WIRING "Y" WAS NOT SHOWN. BEGINNING WITH ISSUE 10, WIRING "Y" SUPERSEDES WIRING "Q". SEE TABLE D FOR LATER CHANGES. RELAY G SHALL BE ADJUSTED AS FOLLOWS (SEE AH-580260): WITH WIRING "Q" AND APPARATUS "G" OR "AC": R-6485-A1 (CIRCUIT ISSUES 1-9). WITH WIRING "Y" AND APPARATUS "G" OR "AC": GR-6485-A1A (CIRCUIT ISSUES 10-13). WITH WIRING "Y" AND APPARATUS "AD": (CIRCUIT ISSUES 14 & 15 NOT MANUFACTURED). WITH WIRING "T" & "AK" AND APPARATUS "G" OR "AC": GR-6485-AB (CIRCUIT ISSUE 16 & LATER).
- 30-ISSUES 7 & 8: WIRING "Y" WAS PART OF WIRING "K". ISSUES 9 & 10: WIRING "Y" WAS PART OF WIRING "G". ISSUE 11 & LATER: USE WIRING "Y" PER TABLE C.
- 31-ISSUES 1-14, RELAY E HAD 5 SPRINGS (SPRINGS 1-5). BEGINNING WITH ISSUE 15, RELAY E HAS 7 SPRINGS.
- 32-BEGINNING WITH ISSUE 9, ALL DIODES ARE FD-1029-D8 UNLESS OTHERWISE SPECIFIED.



MANUFACTURING NOTES:

- 18-CONTACTS "X" OPERATE FIRST.
- 11-"EC" WIPER ENCOUNTERS THE FOLLOWING CONDITIONS: INDIVIDUAL LINES NO CONNECTION; FIRST LINE OF A GROUP STRAP "C" & "EC" BANK CONTACT; LAST LINE OF A GROUP FOR OVERFLOW REGISTRATION: 1300 OHM REGISTER BETWEEN "C" & "EC", FOR NO REGISTRATION: 1200 OHM RESISTOR BETWEEN "C" & "EC".
- 12-ANY TRUNK OF A GROUP EXCEPT FIRST TRUNK MAY BE LISTED AS A NIGHT NUMBER.
- 13-WHEN SEPARATE RING BACK TONE IS NOT PROVIDED, CONNECT SHELF JACKS 22 & 5 AT END OF SHELF OR EQUIVALENT.
- 14-CAM SPRINGS OPERATE ON 11TH ROTARY STEP.
- 15-STRAP JACKS 14 & 16 IF COMMON BUSY & 1PM LEAD IS USED.
- 16-USE FIG. BG WHEN BATTERY CONNECTED GENERATOR IS SPECIFIED. USE FIG. GG WHEN GROUND CONNECTED GENERATOR IS SPECIFIED.
- 17-SHELF JACKS 9 & 11 MAKE WHEN SWITCH IS REMOVED.
- 18-CAPACITORS N & P ARE MATCHED WITHIN 5%.
- 19-USE "P" WIRING FOR GROUND RELEASE. USE "M" WIRING FOR BATTERY RELEASE.
- 20-SWITCHES FOR 1000 OHM AND FOR 1200 OHM LOOP SERVICE DIFFER ONLY IN ADJUSTMENT OF RELAYS "D" & "H". (SEE NOTE 25).
- 21-FOR FLASH BUSY OVER 4TH WIRE USE FIG. FW & "W" WIRING. FOR FLASH BUSY BY REVERSE BATTERY, USE FIG. LR & LR1, OMIT "W" STRAPS & EC LEAD. NORMAL POST SPRINGS TO OPERATE ON SPECIFIED LEVELS TO GIVE FREE SERVICE BY PREVENTING THE REVERSAL OF BATTERY.

INSTALLING NOTES:

- 76-WHEN CONVERTING SWITCHES TO H-580260, ISSUE 10, OR LATER ISSUE, RELAY G MUST BE READJUSTED. SEE NOTE 29.

STOCKLIST DH-580260-307 (FIG. 23)
STOCKLIST DH-580260-308 (FIG. 20)
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STOCKLIST DH-580260-398 (FIG. 21)
STOCKLIST DH-580260-399 (FIG. 21)
STOCKLIST DH-580260-400 (FIG. 21)

ASSOCIATED DRAWINGS		
DRAWING NO.	ISS	DESCRIPTION
AH-580260	20	ADJUSTMENT
E-580260	8	EXPLANATION

CURRENT DRAIN DATA
HOLDING CURRENT

DESIGNED: L. SMITH
APPD: J. D. HAMEL
SCALE: DATE 3-21-57
DO NOT SCALE DRAWING

092085-H
H-580260

CONN. CRT. LOCAL OR SIMPLIFIED
TOLL-TRK. BLEV. MTG. WITH
NIGHT LINE SERV. ON ALL LINES
EXCEPT 1ST IN GRP. NON-REV
BAT. SUPN. ON SPEC. LEVS
GRD. OR BAT. GEN.

H-580260
SHEET 1 OF 2

AUTOMATIC ELECTRIC COMPANY
NORTHLAKE, ILL., U.S.A. • GENEVA, ILL., U.S.A. • CHICAGO, ILL., U.S.A.

