

- NOTES:**
- 1-1 FUSING 1.5A PER CCT.
 - 1-2 CONNECTIONS FOR ALTERNATIVE LINES SHOWN ON SHT. 2
 - 1-3 N.I.R. MAY BE INSERTED ON EITHER SUBSCRIBERS OR EXCHANGE SIDE OF CIRCUIT
 - 1-4 RELAY DR IS DIFFERENTIALLY CONNECTED, FITTED WHEN SPECIFIED.
 - 1-5 WHEN LOOP CR BETWEEN EXTENDER AND SUBS EXCH. EQUIP. EXCEEDS 500 FT., STRAP SCA14 TO SCA34.
 - 1-6 UNLESS OTHERWISE SPECIFIED ALL TERMINALS ARE ON STRIP CONNECTION MOUNTED AT REAR & ARE DESIGNATED SCA IN WIRE RUN.
 - 1-7 BRACKET TERMINALS DENOTE EARLIER SPECIFIED AE1 415A TRANSFORMER.
 - 1-8 ALL WIRING 0.5mm UNLESS OTHERWISE SPECIFIED.
 - 1-9 D8 PROVIDED FOR ALL NEW WORK AND IN ALL CASES WHEN RELAY SET IS MOUNTED IN UAX13 AND PABX UNITS.

BATT. BK. 0.7mm FUSE 4B2 V. SCA41-R9Ab-R9Bb-R9Cb-RCe-RBe-R7Ab-R7Bb-RAe-F8e-R5b-B8e-A7-RX1b

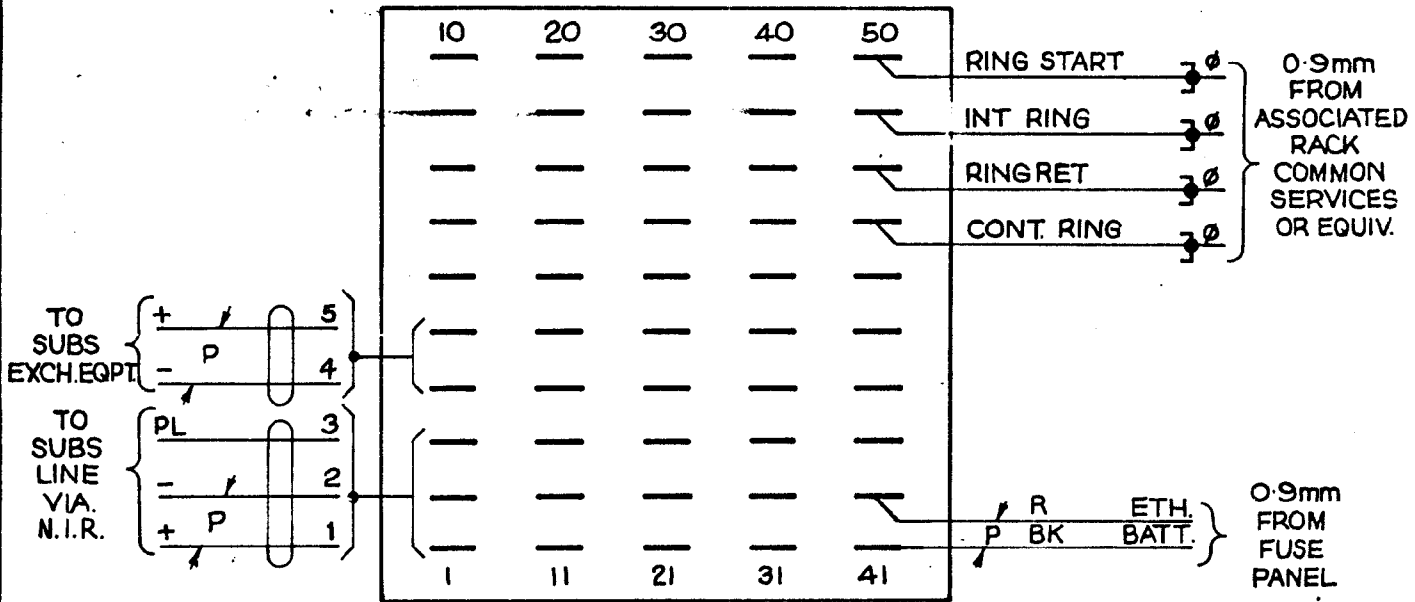
ETH. R. 0.7mm ETH BAR 4A2 R-SCA42-R2b-T1/E-SCC2-SCC4-RC21-RC1-RB74-RA21-R4b-FB27-LS2-DR2-R3a

50V

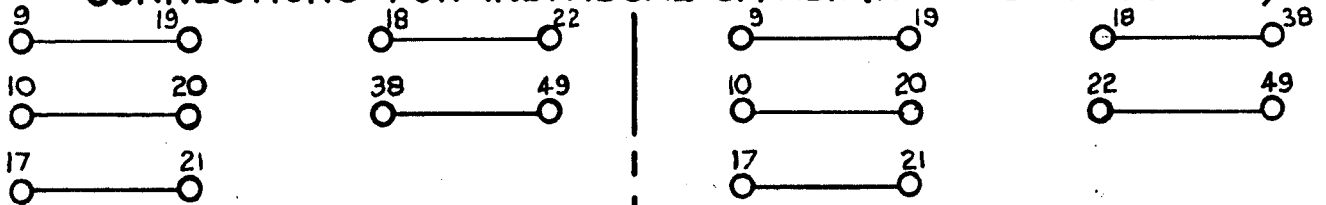
**SUBSCRIBERS LINE SIGNALLING
EXTENDER RELAY SET
INDIVIDUAL, 2 PARTY-PABX EXTENSION**

DEL. (X) (A) (D)	ORDER	DATE	ISS	CHANGE	N.Z.P.O.
NUM1234	C1234	2024	11/17/81	A	ENGINEER-IN-CHIEF, WELLINGTON
A.O. GRH	CJM	9/9/82	21-9/73	P	COV. N°
<small> PE WAS INCORRECTLY SHOWN MOUNTED ON SCA WHERE IT SHOULD BE CONNECTED TO THE RING MOUNTING POINTS. D.3. ADDED. REF. NZEM KW E. R15 ADD. REF. NZEM TR. PENDING OPTION ADD. </small>				<small> ORIGIN: T-EOPT DRAWN: T-EOPT TRACED: JMT </small>	
<small> 1 OF 4 38743 </small>					<small> A1 </small>

SCA



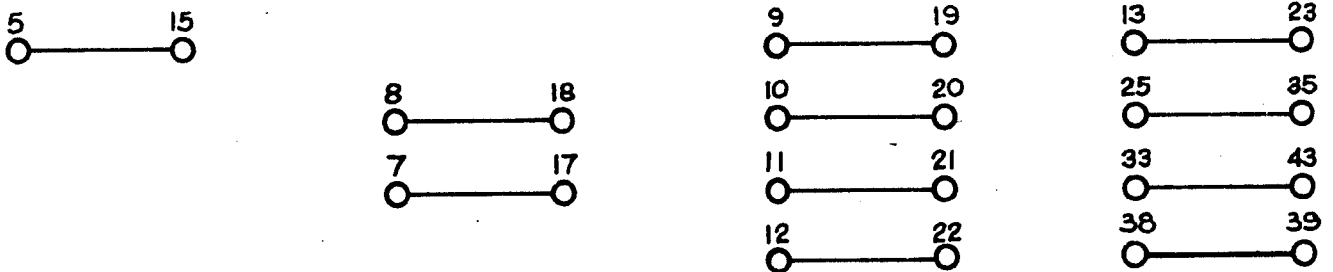
CONNECTIONS FOR INDIVIDUAL & PABX (NOT PABX NZPO EXTN)



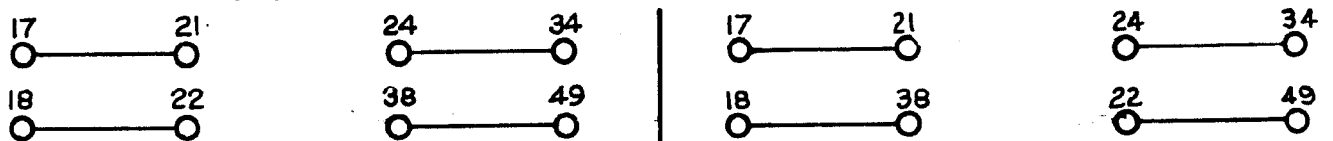
WHEN RING RETURN IS BATT. USE THESE CONNECTIONS.

WHEN RING RETURN IS EARTH USE THESE CONNECTIONS.

CONNECTIONS FOR 2 PARTY LINES



CONNECTIONS FOR PABX (NZPO EXTENSIONS)

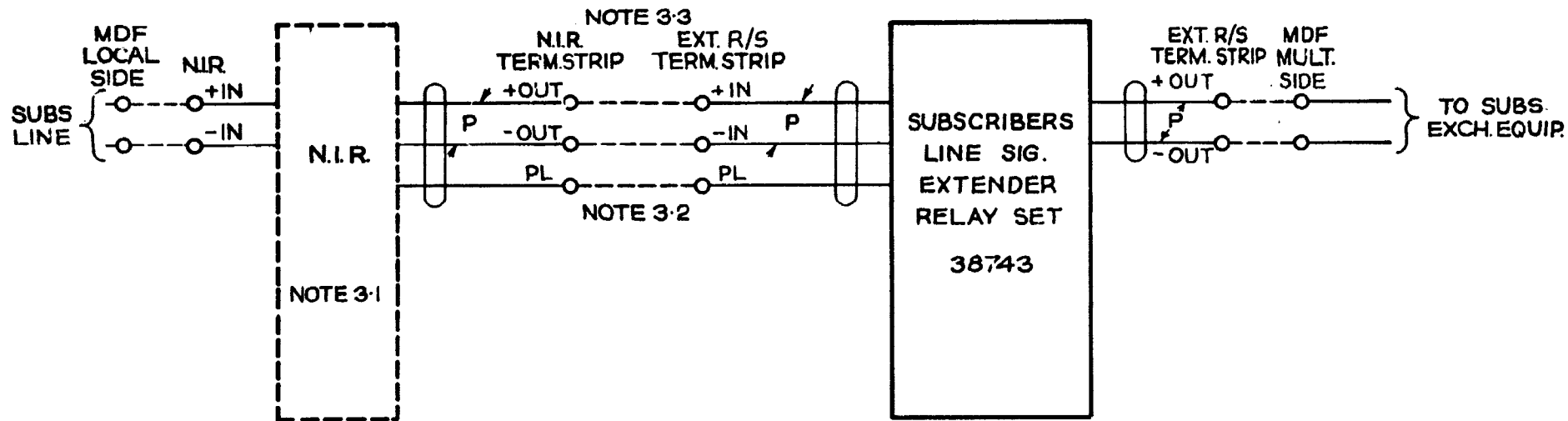


WHEN RING RETURN IS BATT. USE THESE CONNECTIONS.

NOTE 2.1 ALL WIRING 0.5mm UNLESS OTHERWISE SPECIFIED

WHEN RING RETURN IS EARTH USE THESE CONNECTIONS.

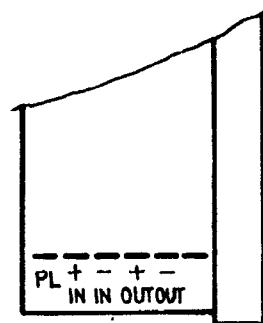
DEL	CKD	APD	ORDER	DATE	ISS	CHANGE	N Z P O ENGINEER -IN- CHIEF, WELLINGTON		
W.M.H	GRH	CJW	2034	31-1-73	A		SUBSCRIBERS LINE SIGNALLING EXTENDER RELAY SET INDIVIDUAL, 2 PARTY-PABX EXT.		
A.O	GRH	CJW	99982	21-3-73	B	NOTE 2.1 ADDED			COY. NO
APS	GRH	CJW	122507	2-9-74	C	NO CHANGE SHTS 1&4. AMD.			ORIGIN: T-EQPT.
CBP	VHE	CJW	55794	22-3-74	D	1. NO CHANGE SHTS 1&4. AMD.			DWN: T-EQPT
AQU	RMK	REQ	193555	26-10-78	E	RING RETURN OPTIONS ADD.			TCD. W.M.H.
							2 OF 4	38743	
							A4		



NOTES :-

- 3-1 N.I.R. MAY BE INSERTED IN EITHER LINE OR EXCH SIDE OF CIRCUIT.
- 3-2 CAN BE JUMPERED OR CABLED DIRECT AS REQUIRED.
- 3-3 EXTENDER RELAY SET TERM. STRIP MOUNTED IN UAX. C.UNIT. LOCAL SIDE AS REQUIRED.

20
SUBS
EXTNR
R/S
NZ
38743
1



TYPICAL TERMINAL BLOCK DESIGNATIONS

**SUBSCRIBERS LINE SIGNALLING
EXTENDER RELAY SET
INDIVIDUAL, 2 PARTY-PABX EXT.**

DEL	CKD	APD	ORDER	DATE	ISS	CHANGE
W.M.H.	GRH	CJW	2034	31-1-73	A	
A.O.	GKH	JW	99292	21-9-73	B	NO CHANGE SHTS 1,2 & 4 AMD.
APS	GKH	JW	122507	2-9-74	C	NO CHANGE SHTS 1 & 4 AMD.
CBP	JHE	CJW	55794	22-3-76	D	NO CHANGE SHTS 1 & 4 AMD.
AJU	RMK	RED	193555	26-10-78	E	NO CHANGE SHTS 1 & 2, 4 AMD.

N Z P O
ENGINEER - IN - CHIEF, WELLINGTON

COY NO ORIGIN: T-EQPT.

3 OF 4 DRAWN: T-EQPT. TRACED: W.M.H.

A4 38743

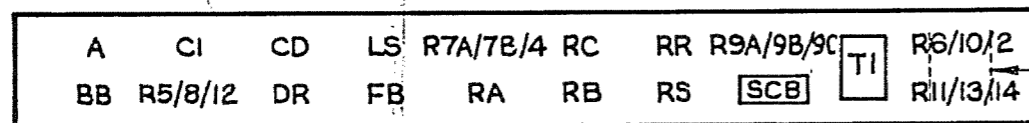
RELAY CODES AND COMPONENTS LIST

RELAY NAME	B.C.C. CODE	N.Z.P.O. CODE	B.P.O. CODE	COY. CODE	NOTES	STOCK LIST N ^o	COMPONENT DESIGNATION	B.P.O. CODE	COY. CODE	NOTES	STOCK LIST N ^o	MISC. COMPONENTS	NOTES	STOCK LIST N ^o
A	HS518				B	LD49	R1			100Ω RADIO TYPE RES.	ER413	MTG PLATE	F151/20AH (UAX)	LH661
BB	B1105					L101D	R2	12		100Ω	KB118	MTG PLATE	F151/20 BH (MAR)	LH661J
CD	B70571					L271	R3	6		100Ω	KB116	TERM. STRIP	121 (SCA)	LH205
DR	B15613				4-5	WS	R4	12		150Ω	KB141	MTG BKT	121 A	LH138A
FB	B78613 Pd					WS	R5,6	9		270Ω	KB213	CAP CLIP	42	KC404
LS	HSD710				B	LD90B	R7A-9C	9		300Ω	KB226	RESIS. POST	3.5"	KB9B
RA	B77189 P					L58B	R10	9		390Ω	KB256	TERM. STRIP	} (SCC-E) I/DST 844	LH814
RB	B72886					WS	R11	9		560Ω	KB288			} SCREWS
RC	B77189 P					L58B	R12,13	12		1K	KB344		} INS PLATE	LE811
RR	HSD701				B	LD66	R14	12		1.5K	KB371B	TERM. STRIP	176A (SCB)	LH664
RS	HSD701				B	LD66	T1		TA 2271	TRANSFORMER NOTE 4-4	CA 11			
							C1			0.5μF	KC185			
							C2A,2B	8006		1μF	KC252			
							C3-7	8007		2μF NOTE 4-3	KC330			
							C8		PHILLIPS18101	100μF ELECTROLYTIC	EF230			
							DI-8		IN4003	DIODES	K905			
							RX1	2		RESIS. NON-LINEAR NOTE 4-1	K996			
							R15			47K RADIO TYPE RESISTOR	ER245			

NOTES

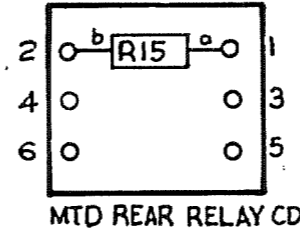
A - SPECIAL FACTORS OF SAFETY B - SPECIAL ADJUST. C - CCT POINTS OR MODS.

LAYOUT



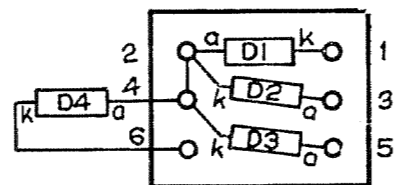
SCA MTD. AT REAR

SCE



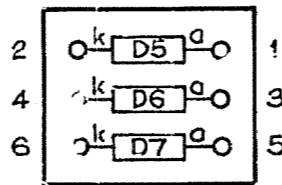
MTD REAR RELAY CD

SCC

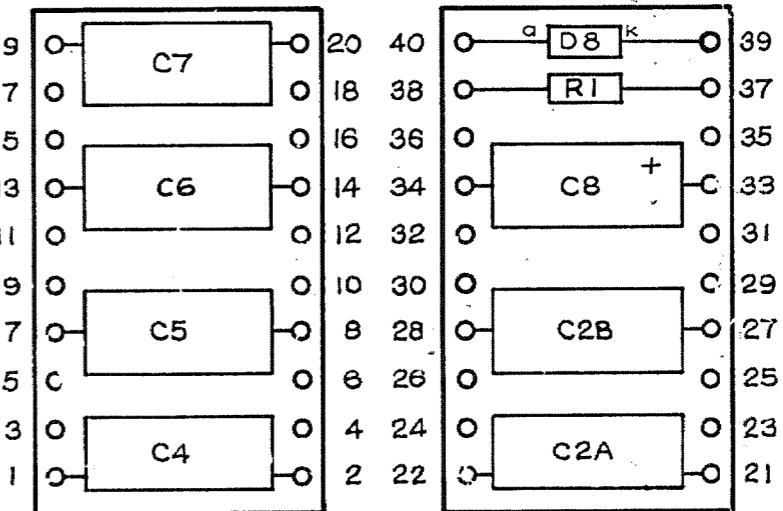


MTD. REAR RELAY RR MTD. REAR RELAY RB

SCD



SCB



NOTES:-

- 4-1 RX1 MTD. REAR RELAY CD
- 4-2 R3 MTD. C10
- 4-3 C3 MTD. T1/2&3
- 4-4 ON EARLIER R/S ALTERNATIVE T1 TRANSFORMER AEI 415A WAS SPECIFIED.
- 4-5 DR FITTED WHEN SPECIFIED

**SUBSCRIBERS LINE SIGNALLING
EXTENDER RELAY SET IND-2PTY
PABX EXTENSION**

DEL	CKD	APD	ORDER	DATE	ISS	CHANGE	N.Z.P.O.
W.M.H.	G.R.H.	C.J.W.	2034	31-1-73	A	R1 WAS N99 TYPE RESISTOR, S/L N ^o R11 CORRECTED. R2 WAS INCORRECTLY SHOWN MOUNTED ON SCB.	ENGINEER-IN-CHIEF WELLINGTON
A.O.	G.K.F.	C.J.W.	1933A	21-1-73	A		
A.P.S.	G.H.	J.W.	12507	2-8-74	C	NOTE 4-4 REVISED AND 4-5 ADDED	
C.B.P.	J.H.F.	C.M.	55797	22-3-76	D	DIODE D8 ADDED.	
A.J.U.	R.M.K.	RED	193555	26-10-73	E	R15 & SCE ADD. REF NZM TE	

COY. N^o: **4 of 4** DRAWN: T-EQPT. TRACED: W.M.H.
A3 **38743**