FIG. 1.
LAMP RELAY RACK A.C. SUPPLY WITH AUXILIARY STANDBY
1 PER RACK.

3/029 — A.C. MAINS SUPPLY N.Z. NOTE A — SWA — BK — 3/029R — T1 — (10v) (0) (200v) (220v) (240v) (6·5v) (6·5v) (0) 7/064 R

FS1 30A — FS3 1·5A NOTE 5 — FS2 30A — FS4 1·5A NOTE 5

7/044 BK — BK — CO1-FS1-FS3-FS13

7/044 BK — BK — CO4-FS2-FS4-FS14

BATT FUSE — BK ø RACK LAMPS.

BK — R2b (FIG.4) — R4b-FAe-FBb-FBe-COAe-MFAe — W — RAe-ALe (FIG.4) (FIG 2A, 2B OR 2C) — COe — CORe

ETH. BAR — R1a — R1a-FA2I-FA1-FB2I-FB1-FB3-COA23-CO4I-MFA2I-MFA1-COA3-MFA22-MFA2-MR1b-MR2b — AL2I-AL23-AL25-ALI-AL3-AL5)-MFa-MF2 (FIG.2A,B,C. FIG.2B. FIG.2C. FIG.2A,B,C FIG.2B. FIG.2C.)

ETH. R. 7/064 ETH. BAR - T1/0.

MFI — COA5 — COA24-R4a-MFI-COa — CO 3 500 — R4 2K

COA 5 800 — COR 3 500 — COA4 — MFA1 — CO3

NOTE 5 FS14 1·5A — R-O — R-B-W — KTA1 — COR3 — R2 100

NOTE 5 FS13 1·5A — R-BN — R-B-O — KTB1 — R3 100

MR1 4/1AZ — MFX — MR2 4/1AZ — MFY

MFA 2 800 — MFX1 — MFY1 — MF

RACK A/C. FAILURE ALARM ø — RACK MISC STRIP CONN — R-B-S — COA3

TO TAG 7 ON OTHER 3 RACKS IN SAME GROUP ø

RACK MISC STRIP CONN — NOTE 4 — R-B-G

KTA2 21 22 23 — KTB2 26 25 24

ALM TEST 'A' (KTA) / 2 + ALM TEST 'B' (KTB) / 2

CO1 — FS5-CO2-FDO ETC. (FIG.5)-COR2 — ODD — TO FIG.3.

CO2 — EVEN

COR1 — FS6-CO5-FDE ETC. (FIG.3.)-COR5

FS5 1·5A — COR2 — LP1 AUX ON (ODD) 2/6V — COA1 — FS6 1·5A — R-BK — LP2 2/6V AUX ON (EVEN) — COA2

FS9 1·5A — FS7 30A — FS8 30A — FS10 1·5A — BK — AUXILIARY 6V SUPPLY CABLE SIZE DEPENDENT ON LENGTH OF RUN.

RI 10 — FS11 1·5A — R-BN — FS12 1·5A — R-O — FA 2 2000

MFA2 — R-B-W — TO TAGS ON ALL OTHER SIMILAR RACKS IN SAME SUB-SECTION. — RACK MISC STRIP CONN

RA1 — AL 24 OR 6 — NOTE 4 — RA — R-G

AL2 — KRA1 — RECEIVING ATTENTION (KRA) 2

AL1 — TAG ON RACK MISC STRIP CONN — ø PROMPT ALARM — KRA2 21 22 23

FA2 — FB3 — R-B-S — TAG1-FA2-FB2-(AL2)(FIG.2A,B OR C) — FA1 — FB1

RACK 6V FUSE ALARM ø — RACK MISC STRIP CONN — R-G

FS15 1·5A — R-B-W — FS16 1·5A — R-B-W — RI 10 — R-B-S — R-BN — FB 3 2000 2000

LP1 DISTRIBUTION FUSE ALARM — (R2) 1·15K NOTE 6 — R-O — 2/6V (RED) — FB2

FIG. 3
LAMP RELAY RACK DIST'N FUSE PANELS.
1 PER 10 LAMP RELAYS.

TO FIG.1 — ODD — FDO — 1·5A — A1 (1-10) — A1 (11-20) — A2 (1-10) — A2 (11-20) — A3 (1-10) — A3 (11-20) ETC. — EVEN — FDE — 1·5A — A1 (1-10) — A1 (11-20) — A2 (1-10) — A2 (11-20) — A3 (1-10) — A3 (11-20) ETC. — TO MULTANS EQUIPT. (G.B.W. 16700 OR EQUIV.)

NOTES :-
1. FUSE :- 50V - 1·5A PER RACK. 1·5A PER FIG 5.
2. ALL WIRING BEARING A COLOUR CODE TO 22 SWG. UNLESS OTHERWISE SPEC'D LOCAL PLATE WIRING TO BE 25 SWG.
3. Ø FOR WIRING SEE ASSOCIATED COMMON SERVICES DIAGRAM GBW 13380 OR EQUIV.
4. 'AL' CONTACTS 2, 3, 4, 5, 6 EACH SERVE A GROUP OF NOT MORE THAN FOUR RACKS.
5. THE ALARM CONTACTS ON FUSES FS3, FS4, FS13 AND FS14 ARE NOT USED.
6. ON AIREDALE ST. EXCH. RESIS. R2 IN FIG.4 WAS TYPE 12, & CONNECTION BETWEEN R2a & LPb WAS R-B-G.

NZ. NOTES :-
A. MAINS CONNECTION TO BE MADE TO ESSENTIAL SUPPLY WHERE THIS IS PROVIDED.

FIG. 4.
LAMP RELAY RACK DISTRIBUTION FUSE ALARM
1 PER RACK

PART OF FIG.2C. NOTE 4.

AL5 — R-B-O — 14 TO TAG 7 ON 4TH GP OF RACKS.

AL6 — R-B — 15 TO TAG 7 ON 5TH GP OF RACKS.

PART OF FIG.2B. NOTE 4. OR FIG.2C

AL3 — R-B-W — 9 TO TAG 7 ON 2ND GP OF RACKS

AL4 — R-B-BN — 10 TO TAG 7 ON 3RD GP ON RACKS.

FIG.2A. - 1 GROUP OF RACKS AL/2
OR FIG.2B. - 2 OR 3 " " AL/4
OR FIG.2C. - 4 OR 5 " " AL/6

ALARM CIRCUIT A.C. SUPPLY
1 PER SUB-SECTION (1ST. RACK ONLY)

| | | |