DO NOT SCALE
TOLERANCE ON FRACT. DIM. ± AND ON DECIMAL DIM. ± UNLESS OTHERWISE SPECIFIED.

QTY	CATALOG Nº & DESCRIPTION
1	9080 S4 TERM STRIP
1	8536 DA01 400 V. 50 CYCLE
	W/1707-S1 T26A COIL
2	AR 20.5 HEATER ELEMENTS
1	KA 335-1 RESET ASSY
1	1386-X27 FERRULE

BILL OF MATERIAL
CELL 2A PANEL #2

BILL OF MATERIAL CELL 2B PANEL 2 - SAME AS CELL 2A.

QTY	CATALOG Nº & DESCRIPTION
1	9080 S6 TERM. STRIP
1	9001 TP5 400 V. PILOT LIGHT
1	2361-C2-X4 AMBER COLOR CAP
1	9001 TR1 OPERATOR
1	9001 TR2 "
2	9001 TA CONTACT BLOCK
1	144-X5 PILOT LIGHT W/HR.
1	144-D363-X2 -"START" N/P
1	144-D363-X3 - STOP N/P
1	8536 BA02 400V 50 CYCLE
	W/1861-S1-R36A COIL
2	AR 1.53 HEATER ELEMENTS
1	KA 335-5 RESET ASSY W/FERRULE

BILL OF MATERIAL
CELL 2C PANEL #2

BILL OF MATERIAL CELL 2D PANEL #2 SAME AS CELL '2C' EXCEPT HEATER ELEMENTS 1-AR 1.53 & 1-AR .78. & 1861 S1-R32C COL. & 9001 TP3A (230 VOLT PILOT LIGHT).

QTY	CATALOG NUMBER & DESCRIPTION
1	9080 S4 TERM STRIP
1	9001 TS3 OPERATOR
1	9001 TA BLOCK
1	144-D365-X3 N/P
1	8536 CA03 400V 50 CYCLE
	W/1487-S1-S33A COIL
2	AR 13.6 HEATER ELEMENTS
1	KA 335-5 RESET ASSY
1	1386-X27 FERRULE

BILL OF MATERIAL
CELL 2E - PANEL #2

BILL OF MATERIAL CELL 2F PANEL #2 - ONLY FERRULE & RESET ASSY FURNISHED.
1386-X27 KA335-5

AMPS	POLES	CATALOG NUMBER	QTY
15A	1P	9929152 SQUARE D CO.	12
15A	3P	9943152 " " "	1
30A	3P	9943302 " " "	1
40A	3P	9943402 " " "	3
50A	3P	9943502 " " "	4
100A	3P	9943162 " " "	1
* 150A	3P	ET 7004 FRAME - ITE Co	1
		ET 7064 TRIP " "	

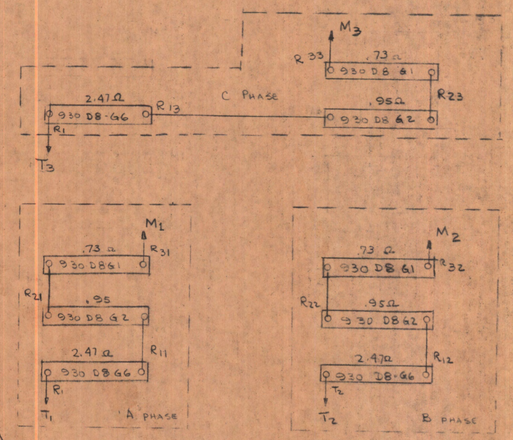
BILL OF MATERIALS
BREAKERS IN DISTRIBUTION PANELBOARD

* THIS BREAKER TO BE EQUIPPED WITH SHUNT TRIP DEVICE FOR OPERATION ON 125V D.C. & ALSO EQUIPPED WITH AUXILIARY SWITCH

EQUIPMENT	CATALOG NUMBERS
T1	9050 ROBE 115V 50~ W/1861 S1 R30B COIL
T2	9050 ROBE 115V 50~ W/1861 S1 R30B COIL
T3	9050 ROBE 115V 50~ W/1861 S1 R30B COIL
CR1	8502 B020 115V 50~ W/1861 S1 R30B COIL
CR2	8502 B020 115V 50~ W/1861 S1 R30B COIL
1A	8502 D02 115V 50~ W/1707-S1-T20B COIL
2A	8502 D02 115V 50~ W/1707-S1-T20B "
3A	8602 D02 115V 50~ W/1707-S1-T20B "
GREEN PILOT	9001 TP1 115V 50~ W/2361 C2 X5 COLOR CAP
RED PILOT	9001 TP1 115V 50~ W/2361 C2-X3 " "
OPEN	9001 TR1 OPERATOR W/9001 TA BLOCK
CLOSE	9001 TR1 OPERATOR W/9001 TA BLOCK
STOP	9001 TR2 OPERATOR W/9001 TA BLOCK
SEL. SW.	9001 TS1 OPERATOR W/9001 TA BLOCK
M	8536 DA01 115V 50~ W/1707 S1-T20B COIL
HTR ELEMENT	AR 47 2 PER STARTER
TERM STRIPS	1-9080 S18, 1-9080 S12, & 1-9080 S6
PR	PRIMARY RESISTOR BANK CLASS 4105
	SE DETAIL TO RIGHT

EQUIPMENT SCHEDULE & CATALOG NUMBERS

TYPICAL FOR PANELS 3, 4 & 5



ELEMENTARY DIAGRAM - PRIMARY RESISTOR BANK
SHOWING CATALOGE NUMBERS OF EACH RESISTOR UNIT.

TYPICAL FOR PANELS 3, 4 & 5

	CATALOG Nº	COMPLETE RES	SET AT	EFF. RES.
1ST STEP	930-DB G6	2.6 OHMS	95%	2.47 OHMS
2ND STEP	930-DB-G2	1.02 "	93%	.95 "
3RD STEP	930-DB-G1	.82 "	89%	.73 "

TOTAL EFF. RES. 4.15 OHMS

APPROVED
SUBJECT TO THE CONTRACT REQUIREMENTS AND CORRECTIONS WHICH MAY BE NOTED HEREON, THIS DOES NOT RELEASE THE MANUFACTURER FROM RESPONSIBILITY FOR COMPLIANCE WITH SPECIFICATIONS, BUT INDICATES A GENERAL APPROVAL OF THE DESIGN INHERENT WITH THE MATERIALS TO BE FURNISHED. MANUFACTURER SHALL BE FULLY RESPONSIBLE FOR PROPER FIT OF PARTS BY HIS OWN MANUFACTURE, AND FOR CONFORMANCE WITH DIMENSIONS OR MATERIALS CLEARLY SET FORTH ON THE DESIGNS AND SPECIFICATIONS PREPARED FOR THIS WORK. APPROVAL DOES NOT CONSTITUTE ACCEPTANCE OF THE CORRECTNESS OF DIMENSIONS ORIGINATED BY THE MANUFACTURER IN CONNECTION WITH THIS WORK.
INTERNATIONAL ENGINEERING CO., INC.
By N. J. Adams Date Oct 7 52

NOTE:
1. FOR ELEVATION SEE DWG D-1855 SF-1.
2. FOR NAMEPLATE DETAILS SEE DWG C-2059 SF-1

NO.	DATE	REVISIONS	BY	APP'D
4	9-15-52	MINOR REV.	H.K.	
3	8-25-52	MINOR REV.	H.K.	
2	7-20-52	RESISTANCE VALUES REV.	H.K.	
1	7-29-51	MINOR REVISION	H.K.	

CUSTOMER'S APPROVAL _____ DATE _____

CONTR M & K AFGHANISTAN	P. O. NO. 115082	SALES APP'L
JOBBER PHILLIPS & CLUS	P. O. NO 5654	CH. DFTSM.
SCALE NONE	DRN. BY H.K.	CHKD. BY

SQUARE D COMPANY
ELECTRICAL EQUIPMENT
WESTERN DIVISION

SCHEDULES & CATALOG NUMBERS OF EQUIPMENT MANUFACTURED & SUPPLIED BY SQUARE D CO. FOR VALVE HOUSE SWITCHBOARD

DATE 7-21-52
JOB NO. 6898
DWG. No. D-1855 SF-3