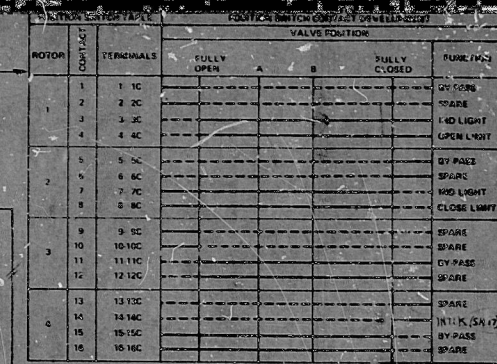




(17) CLOSING TORQUE SWITCH, OPERATES WITH HIGH TORQUE IN CLOSURE DIRECTION
(18) OPENING TORQUE SWITCH, OPERATES WITH HIGH TORQUE IN OPEN DIRECTION

POSITION SWITCH DE JUNCTION NOTES

1. CONTACT CLOSED
2. CONTACT OPENED

EACH MOTOR MAY BE SET TO OPERATE CONTACTS FULLY OPEN, FULLY CLOSED OR ANY POSITION IN BETWEEN

NOTIONS CAN BE ASSEMBLED SO THAT TWO, THREE OR ALL FOUR CONTACTS CLOSE

1. ALL EQUIPMENT SHOWN ON THIS DWG. IS CLASS 1E EXCEPT AS SHOWN ENCLOSED IN THIS BOUNDARY.

2. THESE CONDUCTORS ARE INCLUDED IN A CABLE PROVIDED AS PART OF THE 32000V CONTROL ROOM COMPLEX. A PARTICULAR CABLE IS DESIGNATED BY THE SCHEM NO. ENCLOSED IN THIS MANNER. — THESE CABLES LISTED IN THE CABLE SCHEDULE FROM REFERENCE 7.

3. RELAY TRB205 CONTACTS ARE SHOWN WITH THE NORMAL COIL ENERGIZED. (SEE REF. 5)

1. LOGIC DIAG. DWG. J-51-01Q15H Q.
2. BAILEY METER CO. DWG. 10855-J1000-Q1-1968, 1967, 1949, 1998
3. 430V MCC TAP DWG. 10855-ET-1040, SH 22
4. G.E. ELECTRICAL DIAG. 10855-ET-1040, SH 22
5. ELECTRICAL SCHEMATIC DIAG. RSPF-FEC4-Q-6-6603-
6. ELECTRICAL SCHEMATIC DIAG. R-334-Q015H.17
7. BAILEY METER CO. DWG. 10855-J1000-Q1-1981
SH 783-2295 SWTS. 4, 5, 10, 14 BECHTEL C.B.D. DWG.
E-4515-O, E-4517-O
8. ELECTRICAL SCHEMATIC DIAG. E-6563-Q, S4 2

[illegible]

PUBLIC SERVICE ELECTRIC AND GAS COMPANY
HOPE CREEK GENERATING STATION

ELECTRICAL SCHEMATIC DIAGRAM
RESIDUAL HEAT REMOVAL SYSTEM
RHR TEST RETURN VALVE HV-F024

	JOB No.	DRAWING No.	REV.
	10855	E-6234-0 SHT. 6	5

CONTACTS		POSITIONS			REF.
OVLDT BY IN OPEN	OVLDT BY IN CL	NO.	OVLDT BY IN OPEN	OVLDT BY IN CLOSE	
Q101	Q105	1		x	THIS DWG
		2	x		THIS DWG.
		3	x	x	THIS DWG.
		6		x	THIS DWG

AUTO CLR'G	
OVRD. (BK)	
OPF (A)	OVRD. (W)
ACK (BLK)	

I-HS-F024B-1
MOMENTARY CONTACTS

The diagram shows the 10C650A module with its pin connections and internal components. The module is a rectangular board with pins on the left and right edges. The left side has pins labeled 1 through 16, and the right side has pins labeled 1 through 16. The internal components are labeled as follows:

- 10C650A**: The main module, labeled at the bottom right.
- 1-HV-F0248-1**: A component labeled at the top left.
- INCR. (R)**: A component labeled at the top center.
- CLOSED OPEN (G) (B)**: A component labeled at the top right.
- DECR. (G)**: A component labeled at the bottom center.
- OVLD BYPASS IN OPEN (BLK)**: A component labeled on the left side, connected to pins 1 and 2.
- OVLD BYPASS IN CLOSE (BLK)**: A component labeled on the left side, connected to pins 3 and 4.
- COLORS SHOW FOR NON-ILL. PUSHBUTTON**: A label at the top right, indicating the function of the module.

The diagram also includes a legend for the pin connections:

- SEE TABLE-1**: A label at the bottom left, indicating the pin connections for the left side.
- SEE TABLE-2**: A label at the bottom center, indicating the pin connections for the right side.

CONTACTS		NO.	POSITIONS		REF.
INCR	DECR		INCR DEP'D	DECR DEP'D	
1000	5000	1			SPARE
		2	X		THIS DWG
		5		X	SPARE
2000	6000	6		X	THIS DWG

X CONTACT CLOSED
CUTLER HAMMER TYPE E30

1-HS-024B-2

CONTACTS		NO.	POSITIONS		REF
INCR	DECR		INCR	REF	
		1	X		THIS DWG
		2	X		THIS DWG
		5		X	THIS DWG
		6		X	THIS DWG

X CONTACT CLOSED
CUTLER HAMMER TYPE E30

I-HS-F 024B-2
MOMENTARY CONTACTS

APERT
CAP

INCR (R)	
CLOSE (C)	OPEN (R)

DECR. (G) 10C399B
MODULE B12

COLORS SHOWN A
FOR NON-ILLUMINA
PUSH BUTTONS

3

•

1000

POOR ORIGINAL

PDR RIDS

8503060771

