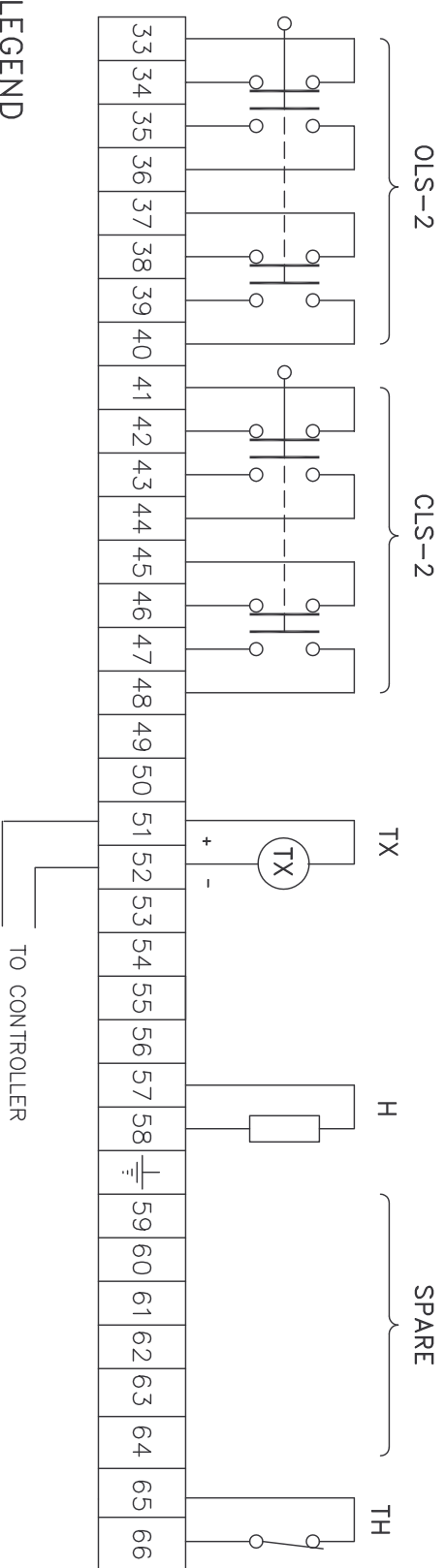
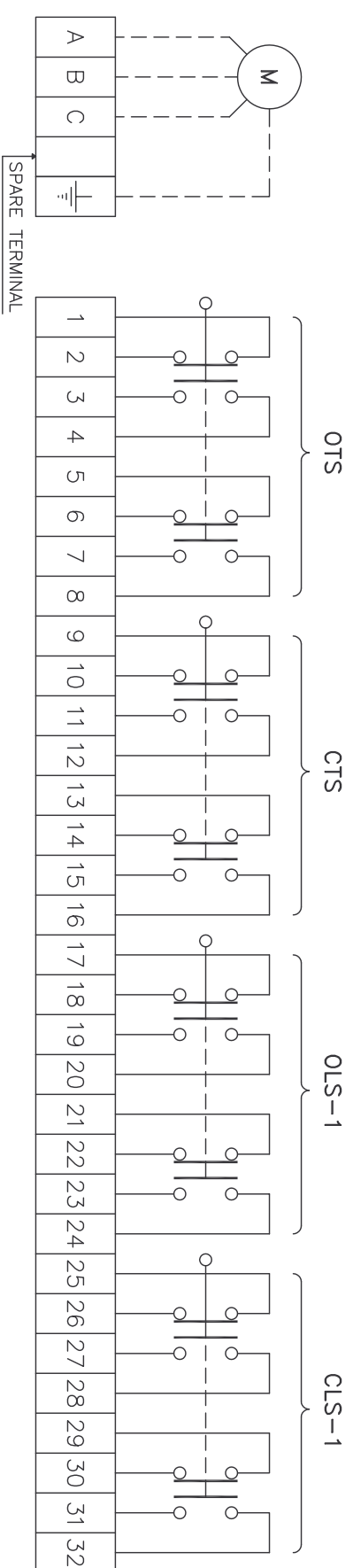




LEGEND

- OTS - TORQUE SWITCH FOR C.C.W. ROTATION (OPEN)
- CTS - TORQUE SWITCH FOR C.W. ROTATION (CLOSE)
- OLS-1 - LIMIT SWITCHES FOR POSITION OPEN
- OLS-2 - LIMIT SWITCHES FOR POSITION OPEN
- CLS-1 - LIMIT SWITCHES FOR POSITION CLOSE
- CLS-2 - LIMIT SWITCHES FOR POSITION CLOSE
- H - HEATER, 25 WATTS (APPRX.), 240V AC, 1 ϕ , 50HZ
IN LIMIT SWITCH COMPARTMENT
- TH - THERMOSTAT [3 NOS.]
- R1,R2 - DOUBLE RESISTANCE TRANSMITTER (POTENTIOMETIC)
2X100 Ohms, WITH 140 Ohms FIXED RESISTOR.
- TX - TRANSMITTER

REV	DATE	ALTERED	CHECKED

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MICRO SWITCH CONTACT DEVELOPMENT					
MICRO SWITCH	CONTACT TERMINAL No.	POSITION OF DAMPER			
		FULL OPEN	INTER MEDATE	FULL CLOSE	
OLS-1 & OLS-2	17-18 & 33-34	—	X	X	THESE LIMIT SWITCH CONTACTS ACT ON DAMPER REACHING RESPECTIVE POSITION
	19-20 & 35-36	X	—	—	
	21-22 & 37-38	—	X	X	
	23-24 & 39-40	X	—	—	
CLS-1 & CLS-2	25-26 & 41-42	X	X	—	
	27-28 & 43-44	—	—	X	
	29-30 & 45-46	X	X	—	
	31-32 & 47-48	—	—	X	
OTS	1-2 & 5-6	—	X	X	THESE TORQUE SWITCH CONTACTS ACT ON
	3-4 & 7-8	X	—	—	
CTS	9-10 & 13-14	X	X	—	THE TORQUE SET BEING REACHED.
	11-12 & 15-16	—	—	X	
'X' CONTACT CLOSED,		'—' CONTACT OPEN			

NOTE

1. ACTUATOR IS PROVIDED WITH INTEGRAL POSITIONER, THYRISTOR SWITCHING DEVICE&INTERGRAL STARTER.
2. WINDING THERMOSTAT SHOULD BE CONNECTED TO MOTOR CONTROL CIRCUIT.
3. ALL THE CONTROL TERMINALS SHALL BE SUITABLE FOR 2 Nos., 2.5 SQ.MM STRANDED COPPER CABLE.
4. CABLE GLANDS OF DOUBLE COMPRESSION TYPE, BRASS MATERIAL SHALL BE PROVIDED
5. NO. AND SIZE OF CABLE GLAND/PLUGE AND SOCKETS.
 - (i) POWER CABLE GLAND-1NO.
 - (ii) CONTROL CABLE GLANDE-1NO
 - (a) 1Xpg21(2CX2.5 SQ.MM,FRLS OUTER SHEATH CABLE 00(MAX) 18mm) FOR SPACE HEATER SUPPLY.
6. CONTACT RATING : 5A AT 240V AC, 0.5A (INDUCTIVE) AT 220V DC
7. LIMIT SWITCH CAN BE ADJUSTED TO SET 0-100%POSITION OF DAMPER.

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TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT				ELECTRICAL ACTUATOR FOR REGULATING APPLICATION									
 BHARAT HEAVY ELECTRICALS LTD., UNIT: BOILER AUXILIARIES PLANT. RANIPET – 632 406.				DRN		P M KUMAR		SIGN		DATE		NO.O VAR.	
DEPT ECI		GRADE OF UNTOL.DIM		SCALE		WEIGHT (KG).		REF. TO ASSY/OLD DRG.		ITEM NO.		NO. OF ITEMS	
CODE 9778		---				N.T.S.		---		---		---	
TITLE INTERNAL WIRING DIAGRAM FOR REGULATING TYPE DAMPER ACTUATOR (DRAWN FOR INTERMEDIATE POSITION)								CARD CODE U 01		DRAWING NO. 3-00-114-36123			
										REV 00			

Sheet 1 of 1