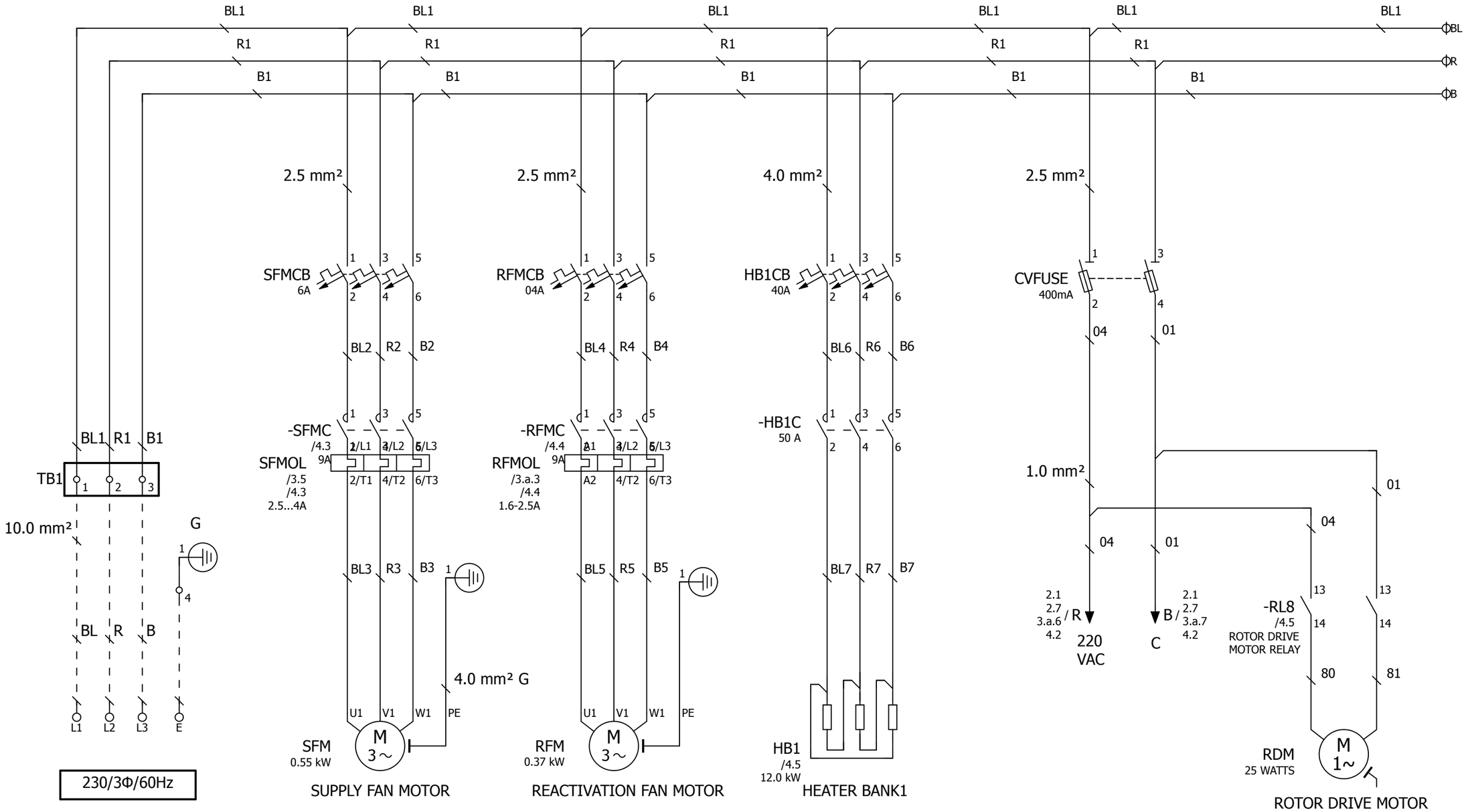

NOTE:-
CABLE CODE DENOTES BY:-
1. L1 - BLACK (BL)
2. L2 - RED (R)
3. L3 - BLUE (B)

	Date	07-01-2021	CLIENT :- M/s		Deh. Model	DS1000-230	
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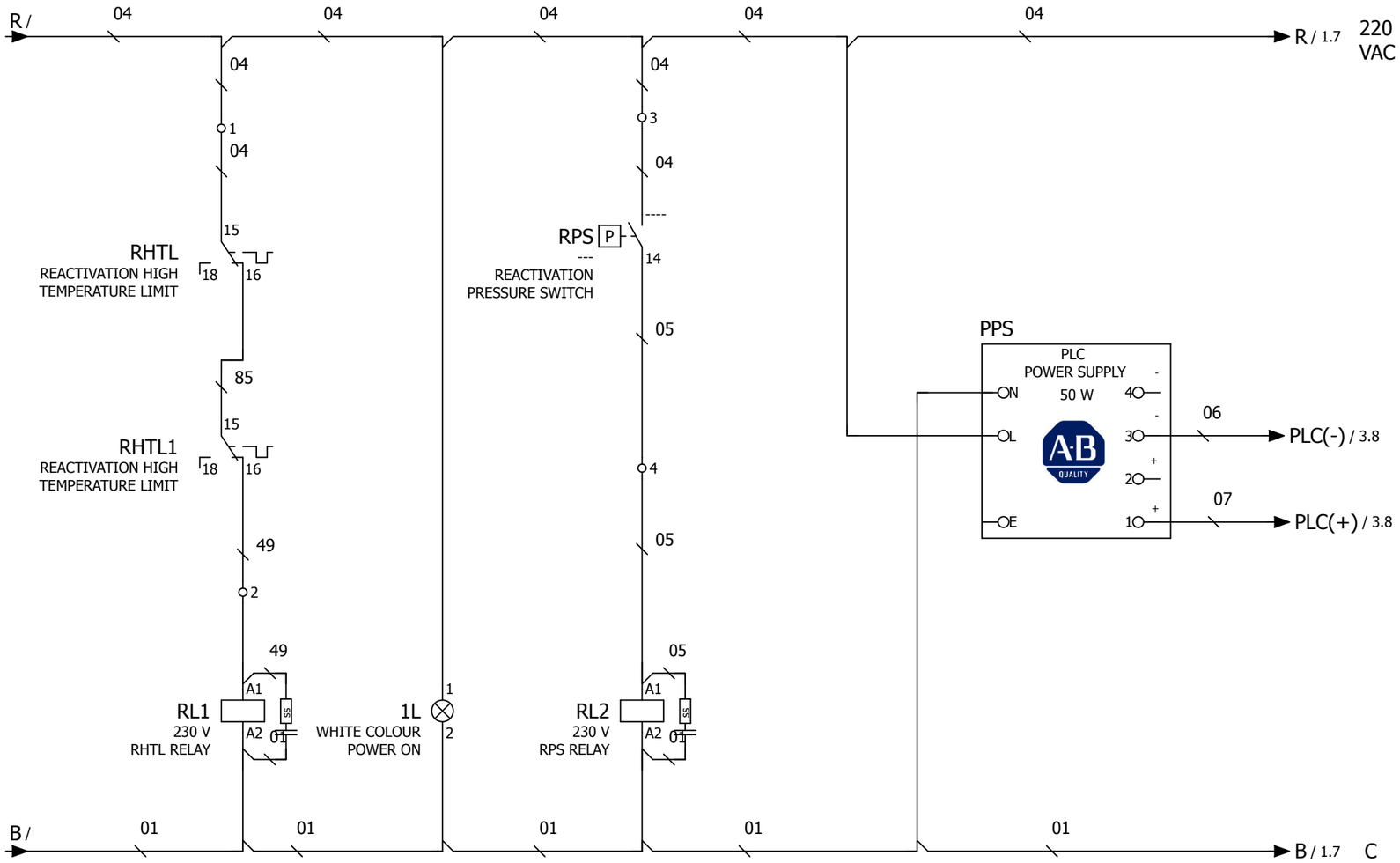

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3.a.2
ECX-LIGHT MODULE

PLC(-) / 3.8 — 06 — C
24 VDC — 07 — PLC(+) / 3.8

3.2 e.0 — RFM ENABLE
3.2 e.1
3.2 f.0 — GENERAL ALARM
3.2 f.1
3.3 h.0 — RDM ENABLE
3.3 h.1

24VAC/DC
24V COM
SUBNET
HOST

POWER
STATUS
RS-485- TX
RX

RS-485
NET+ NET-
DEVICE
10/100 ETHERNET SWITCH
PRI SEC

D01 C1 D02 C2 D03 C3 D04 C4 DU05 C5 DU06 C6 U07 COM U08 COM

ECY

OUTPUTS

UNIVERSAL INPUTS

18VDC UI1 COM UI2 UI3 COM UI4 UI5 COM UI6 UI7 COM UI8

1 2 3 4 5 6 7 8 9 10 10 15

10 — HAS 14 13 — HUMIDISTAT SENSOR
62 — 1CS — START/STOP COMMAND /4.6
11 — RRS 14 13 — ROTOR ROTATION SWITCH
15 — -SFMOL 18 17 — SUPPLY FAN MOTOR OVER LOAD /1.2
18 — -RL2 14 13 — RPS RELAY /2.4

27 — RTD1 RECTIVATION DISCHARGE
30 — 31 — RTD2 REACTIVATION AFTER HEATER
32 — RTD3 REACTIVATION PRE HEATER

06 — 2.7 3.0 3.8 PLC(-)
50 — 9 — 50

0-10VDC — SPACE DP SENSOR
PLC(-) / 3.8 — 06 — 8 — 2
PLC(+) / 2.7 3.0 — 07 — 7 — 1

a.0 / 3.a.5 08 — RL3 230VAC — 08 — A1 A2 09 — a.1 / 3.a.5 09 — SUPPLY FAN ENABLE
b.0 / 3.a.5 12 — RL4 230VAC — 12 — A1 A2 13 — b.1 / 3.a.5 13 — REGENERATION HEATER-1 ENABLE
e.0 / 3.6 24 — RL5 12VDC — 24 — 13 14 25 — e.1 / 3.6 25 — REACT. FAN MOTOR ENABLE
f.0 / 3.6 28 — RL6 12VDC — 28 — 13 14 29 — f.1 / 3.7 29 — GENERAL ALARM
h.0 / 3.7 20 — RL7 12VDC — 20 — 13 14 21 — h.1 / 3.7 21 — ROTOR DRIVE MOTOR ENABLE

NOTE:-
1. FOR HUMIDISTAT SENSOR JUMPER NEEDS TO BE REMOVED.

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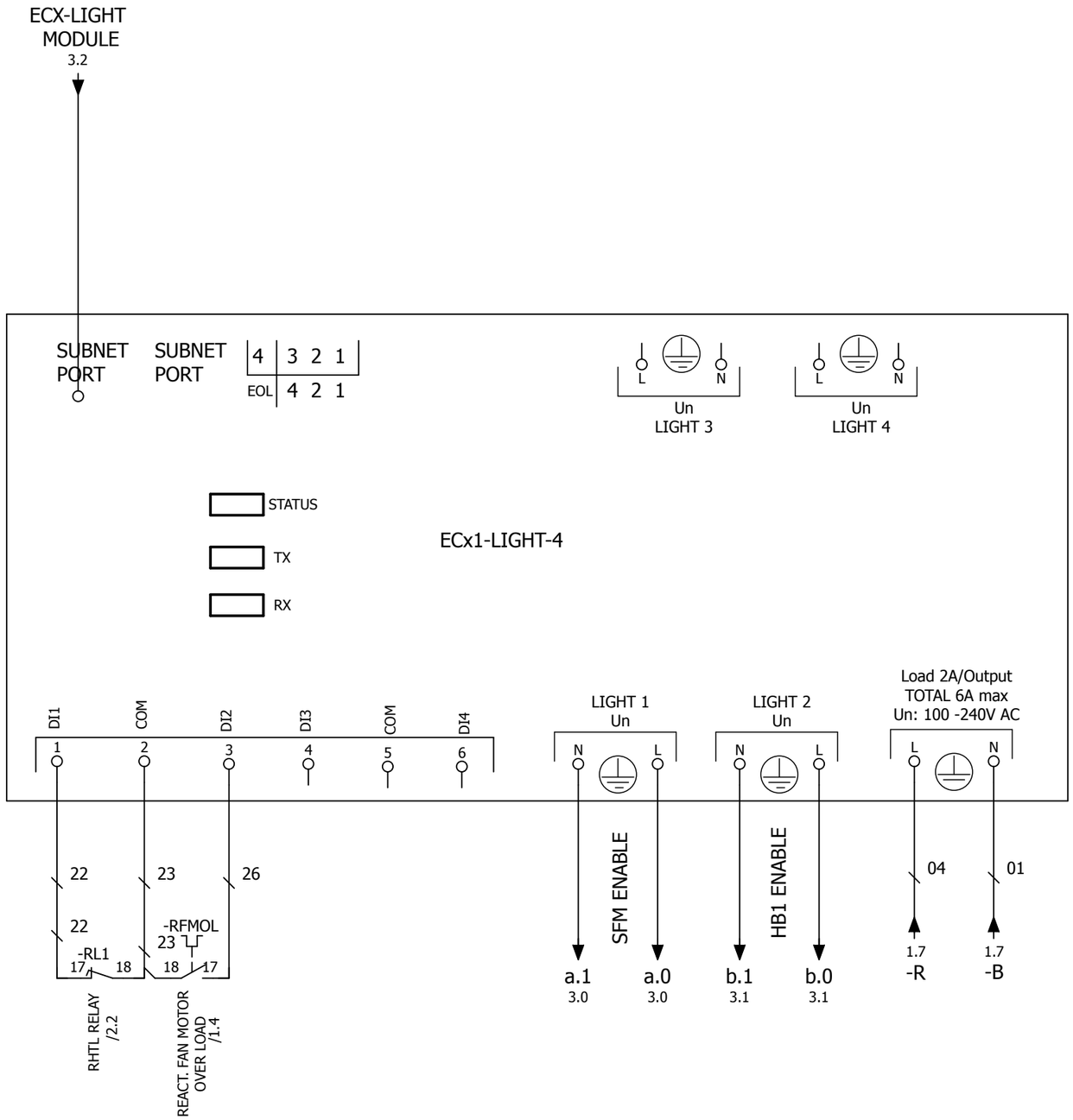

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	Creater		USER :-					
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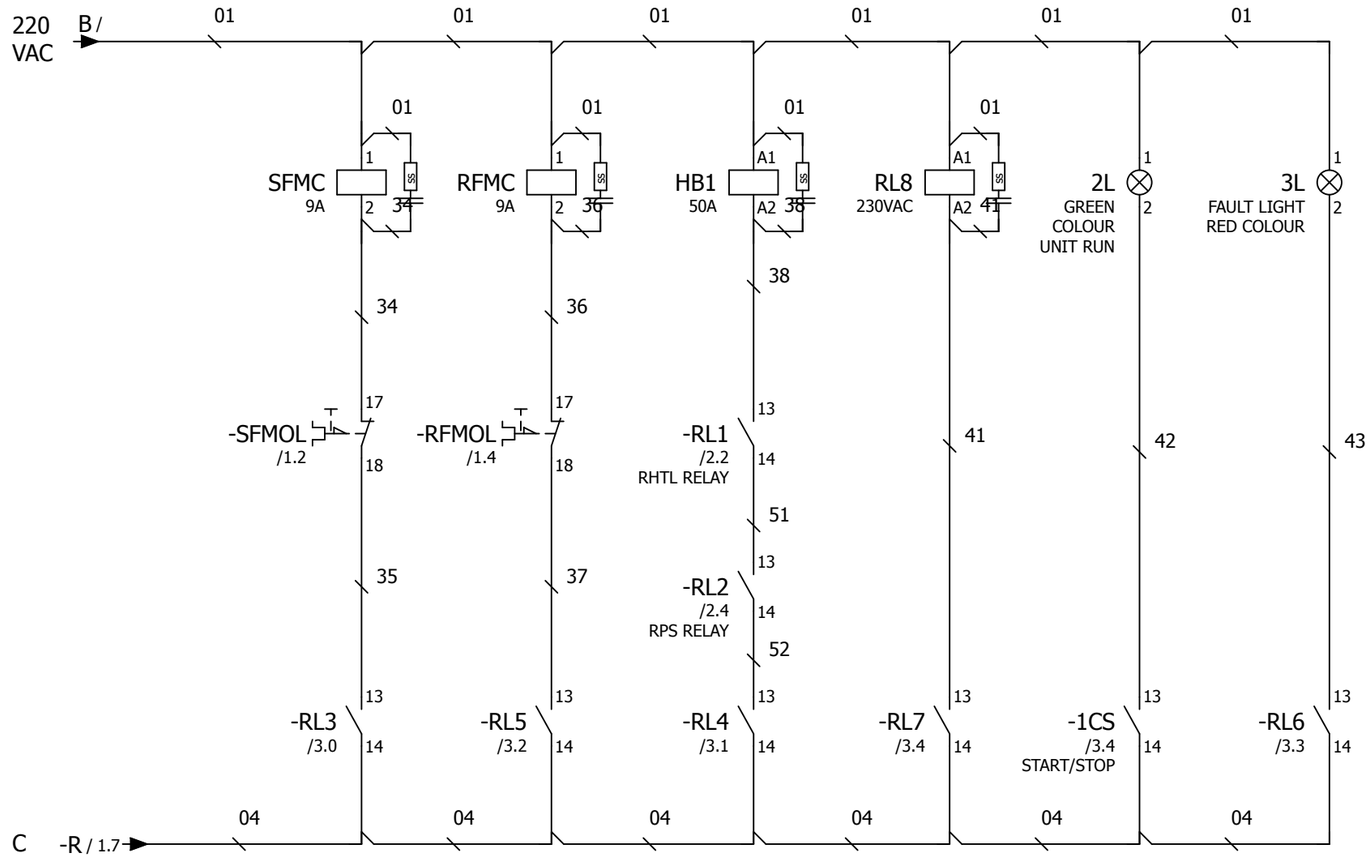

NOTE :-
SURGE SUPPRESSOR MUST BE CONTECTED ACROSS
THE COIL OF ALL THE CONTACTORS & GLASS RELAY

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	Creater		USER :-				
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Terminal diagram

F13_003

Strip
=+-TB1

External targets

Internal targets

Target designation	wiring	jumper		function text	jumper	wiring	Target designation	Placement
-L1			1	MAIN SUPPLY		BL1	-SFMCB:1	/1.2
-L2			2			R1	-SFMCB:3	/1.2
-L3			3			B1	-SFMCB:5	/1.2
-E			4				-G:1	/1.2

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Terminal diagram

F13_003

Strip
=+-TB2

External targets: Target designation	wiring	jumper		function text	jumper	wiring	Internal targets: Target designation	Placement
-RHTL:15	04		1	REACT SAFETY THERMOSTAT(RHTL & RHTL1)		04	-CVFUSE:2	/1.7
						04	-RL8:13	/1.8
						04	-1L:1	/2.3
-RL1:A1			2			49	-RHTL1:16	/2.2
-RPS:----	04		3	REACTIVATION PRESSURE SWITCH(RPS)		04	-1L:1	/2.3
						04	-PPS:L	/2.6
-RL2:A1	05		4			05	-RPS:14	/2.4
-RRS:13	14		5	BED LS(RRS)		14	-ECY:3	/3.4
-1CS:1	11		6			11	-ECY:2	/3.4
-RRS:14	11							
			7	(+) FOR DP SENSOR		07	-PPS:1	/2.6
						07	-ECY	/3.1
			8	(-) FOR DP SENSOR		06	-ECY:10	/3.8
			9	SPACE DP SENSOR		50	-ECY:15	/3.8
-HAS:14			10	HUMIDISTAT SENSOR		10	-ECY:1	/3.4
-1CS:2	62		11				-HAS:13	/3.3

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