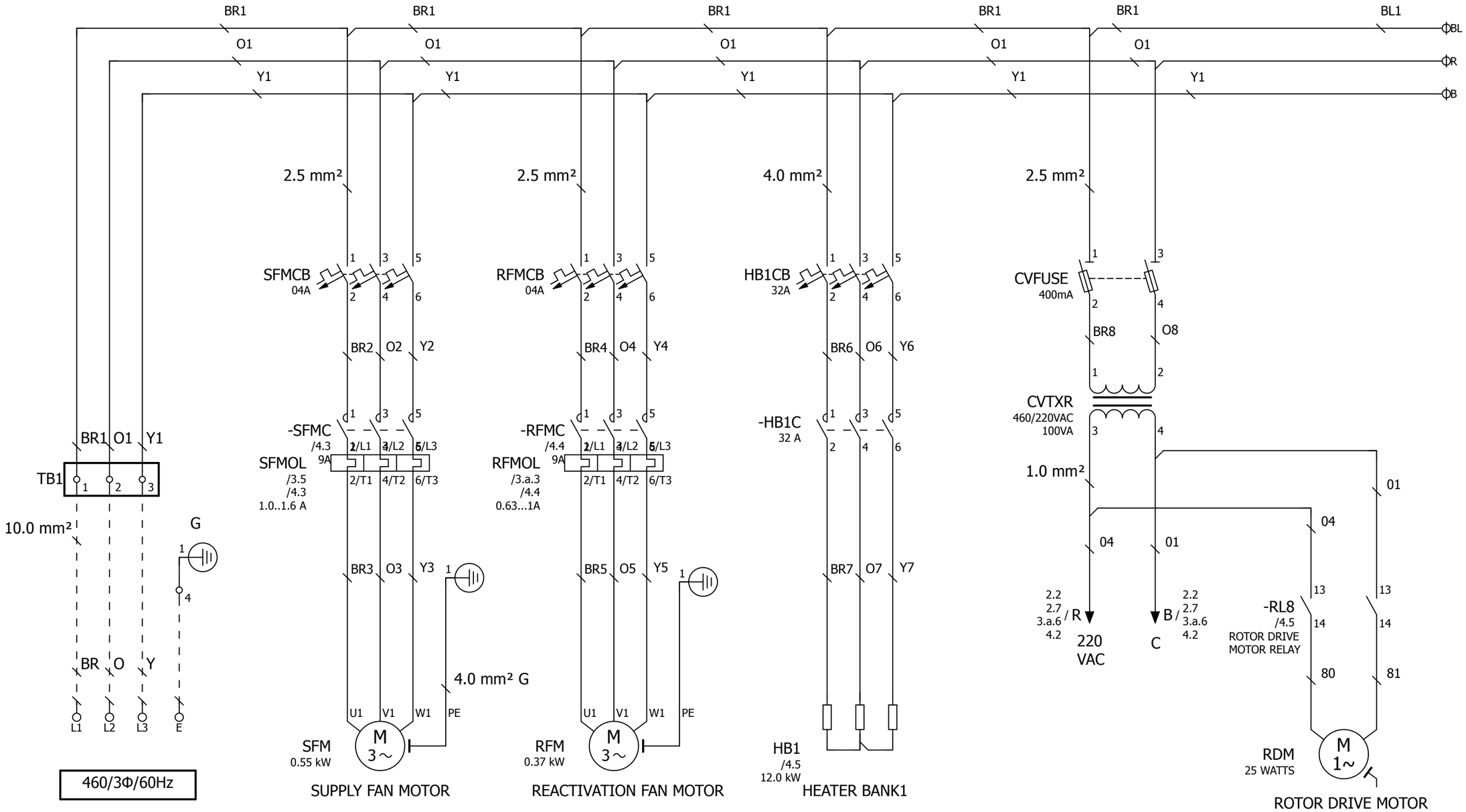

NOTE:-
CABLE CODE DENOTES BY:-
1. L1 - BROWN (BR)
2. L2 - ORANGE (O)
3. L3 - YELLOW (Y)

	Date	12-01-2021	CLIENT :- M/s		Deh. Model	DS1000-460	
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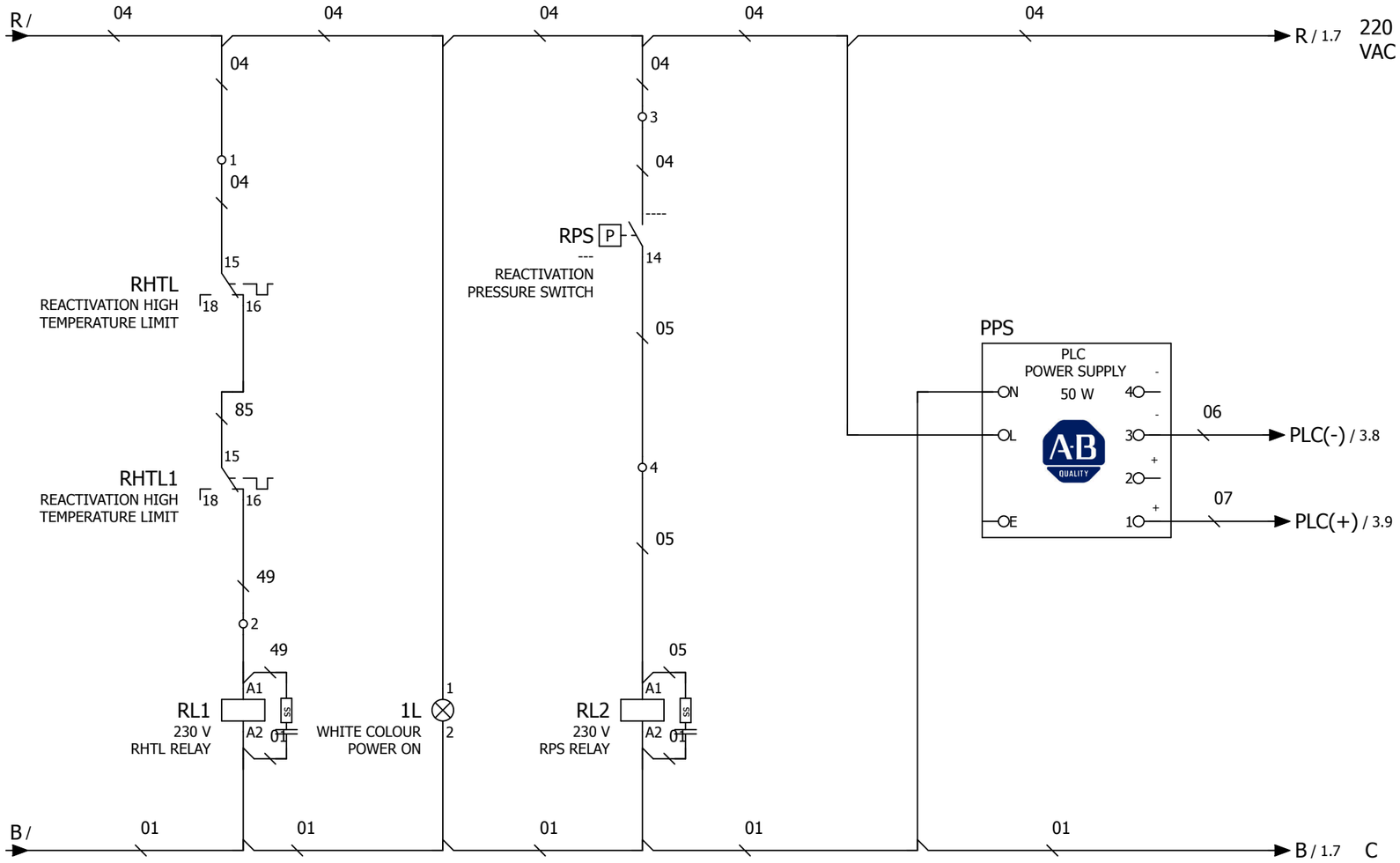

	Date	12-01-2021	CLIENT :- M/s		Deh. Model	DS1000-460		
Rev02:HB1CB PART NO. CHANGE DT:12.01.2021	Creater		USER :-					
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3.a.2
ECX-LIGHT MODULE

PLC(-) / 3.8 06
C
24 VDC 07
PLC(+) / 3.9

234VAC/DC
24V COM
SUBNET
HOST

POWER
STATUS
RS-485 TX
RX

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

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

DO1 C1 DO2 C2 DO3 C3 DO4 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
11 14
15
18
19
27
30 31
32
06
50
9

1CS
HAS 14 13
62 2 1
RRS 14 13
-SFMOL 18 17
-RL2 14 13
10 11

HUMIDISTAT SENSOR
START/STOP COMMAND /4.6
ROTOR ROTATION SWITCH
SUPPLY FAN MOTOR OVER LOAD /1.2
RPS RELAY /2.4

RTD1 RECTIVATION DISCHARGE
RTD2 REACTIVATION AFTER HEATER
RTD3 REACTIVATION PRE HEATER

2.7 3.0 3.9 PLC(-)

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

a.0 / 3.a.5 08 — RL3 230VAC — 08 A1 A2 09 — SUPPLY FAN ENABLE
a.1 / 3.a.4 09

b.0 / 3.a.12 — RL4 230VAC — 12 A1 A2 13 — REGENERATION HEATER-1 ENABLE
b.1 / 3.a.5 13

e.0 / 3.6 24 — RL5 12VDC — 24 13 14 25 — REACT. FAN MOTOR ENABLE
e.1 / 3.6 25

f.0 / 3.6 28 — RL6 12VDC — 28 13 14 29 — GENERAL ALARM
f.1 / 3.7 29

h.0 / 3.7 20 — RL7 12VDC — 20 13 14 21 — ROTOR DRIVE MOTOR ENABLE
h.1 / 3.7 21

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

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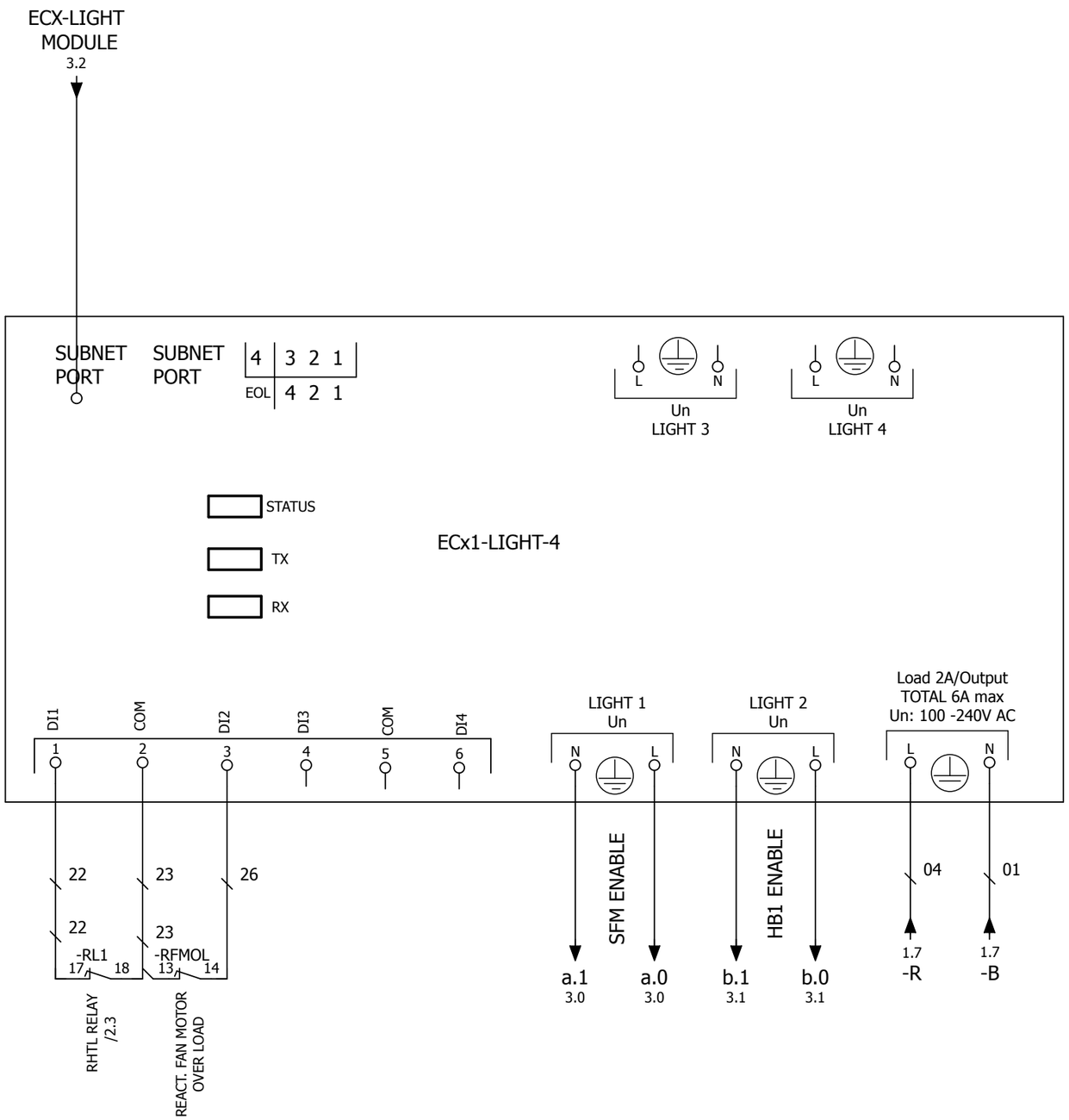

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	Creater		USER :-					
	Checked By		USE ON AREA :-	Job. No.	Page Description	EWD3 CONTROL DRAWING	=	Page 3.a
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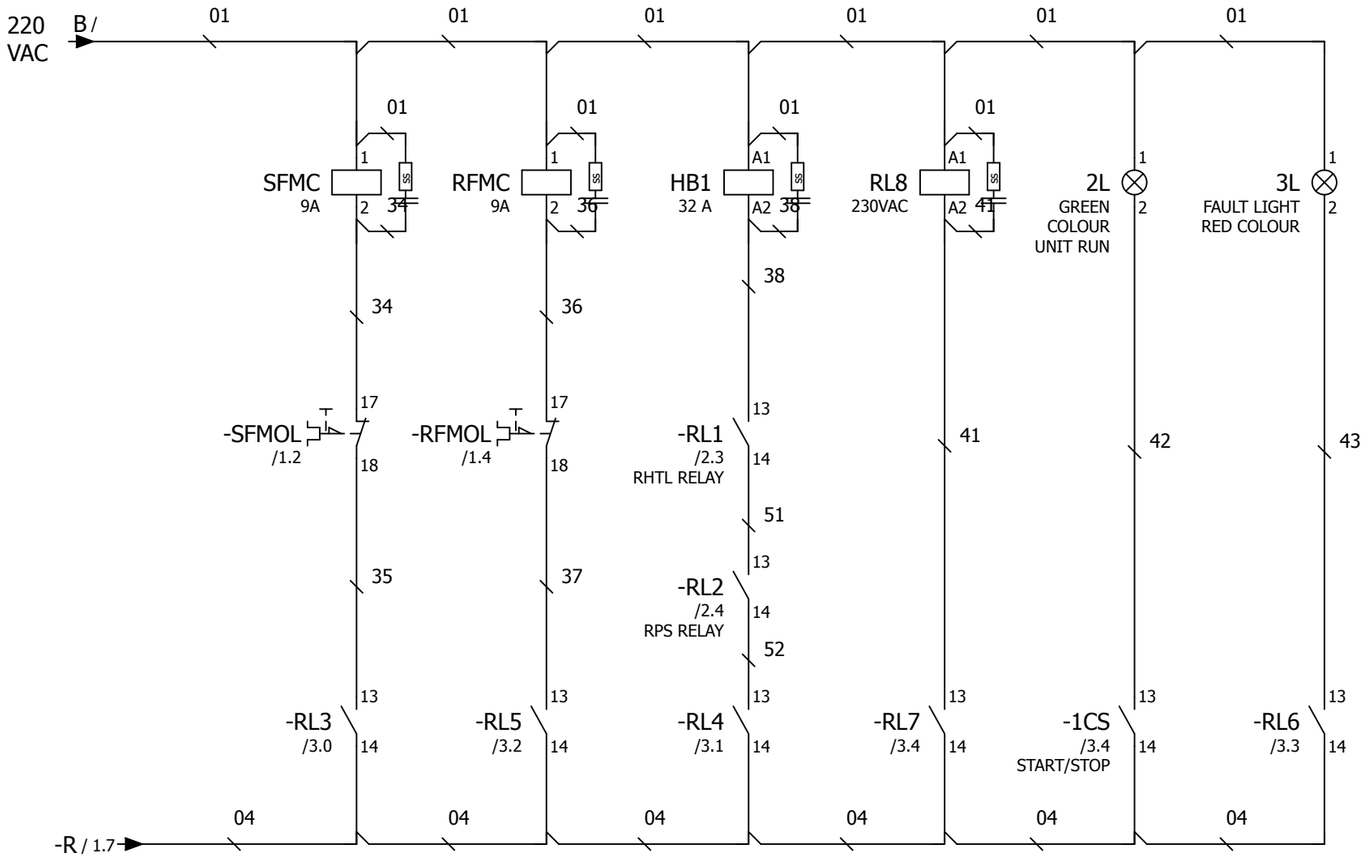

NOTE :-
SURGE SUPPRESSOR MUST BE CONTECTED ACROSS
THE COIL OF ALL THE CONTACTORS & GLASS RELAY

	Date	07-01-2021	CLIENT :- M/s		Deh. Model	DS1000-460	
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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		BR1	-SFMCB:1	/1.2
-L2			2			O1	-SFMCB:3	/1.2
-L3			3			Y1	-SFMCB:5	/1.2
-E			4				-G:1	/1.2

	Date	07-01-2021	CLIENT :- M/s		Deh. Model	DS1000-460	
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Rev01:FUSE PART NO. CHANGE DT:07.01.2021	Checked By		USE ON AREA :-	Job. No.	Page Description	Terminal diagram =+-TB1	= Page 5
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Terminal diagram

F13_003

Strip
=+-TB2

External targets

Internal targets

Target designation	wiring	jumper		function text	jumper	wiring	Target designation	Placement
-RHTL:15	04		1	REACT SAFETY THERMOSTAT(RHTL & RHTL1)		04	-CVTXR:3	/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	/3.5
-1CS:1	11		6			11	-ECY:2	/3.4
-RRS:14	11							
			7	(+) FOR DP SENSOR		07	-PPS:1	/2.7
						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	/3.4

	Date	07-01-2021	CLIENT :- M/s		Deh. Model	DS1000-460	
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