

ELECTRICAL EQUIPMENT

Electrical system Dwg. no.	MS241026
Total connected load	0.18 KW
Supply voltage 3PH. 50Hz	200V
Control voltages	24V DC
Indicating lamp voltage	24V DC
Rated Current	1.06A

Notes:

1. Color specifications for cabinet wiring:

Black : Power circuits

RED : AC control circuits

WHITE & Blue : DC control circuits

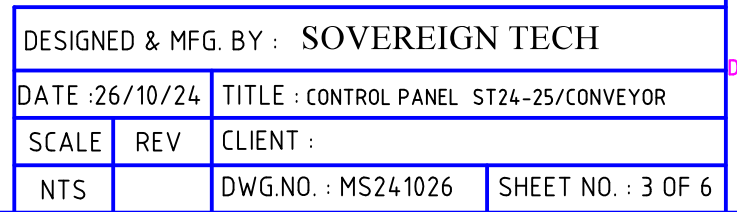
Bi-color combination of Green and Yellow throughout the length-for earthing

2. Color specifications for Electrical cabinet: RAL7035

DESIGNED & MFG. BY : SOVEREIGN TECH			
DATE :26/10/24		TITLE : CONTROL PANEL ST24-25/CONVEYOR	
SCALE	REV	CLIENT :	
NTS		DWG.NO. : MS241026	SHEET NO. : 1 OF 6

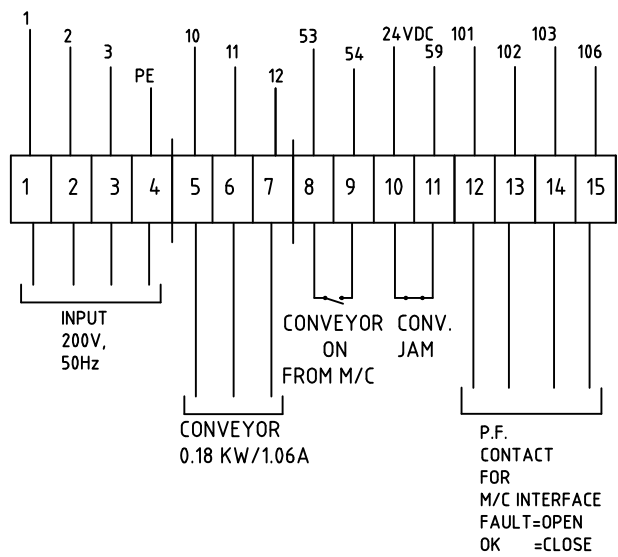


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NTS	DWG.NO. : MS241026	SHEET NO. : 3 OF 6
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TERMINAL DETAILS



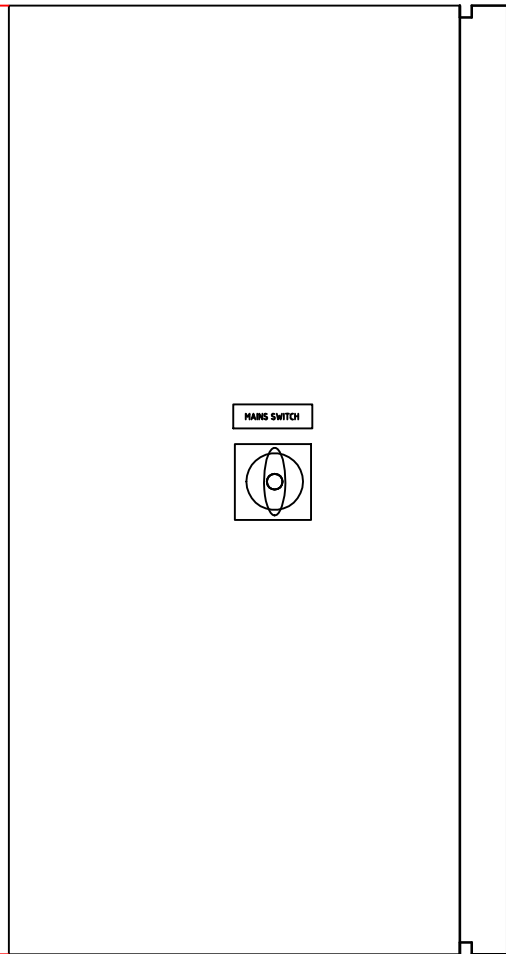
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SCALE	REV	CLIENT :
NTS		DWG.NO. : MS241026 SHEET NO. : 4 OF 6

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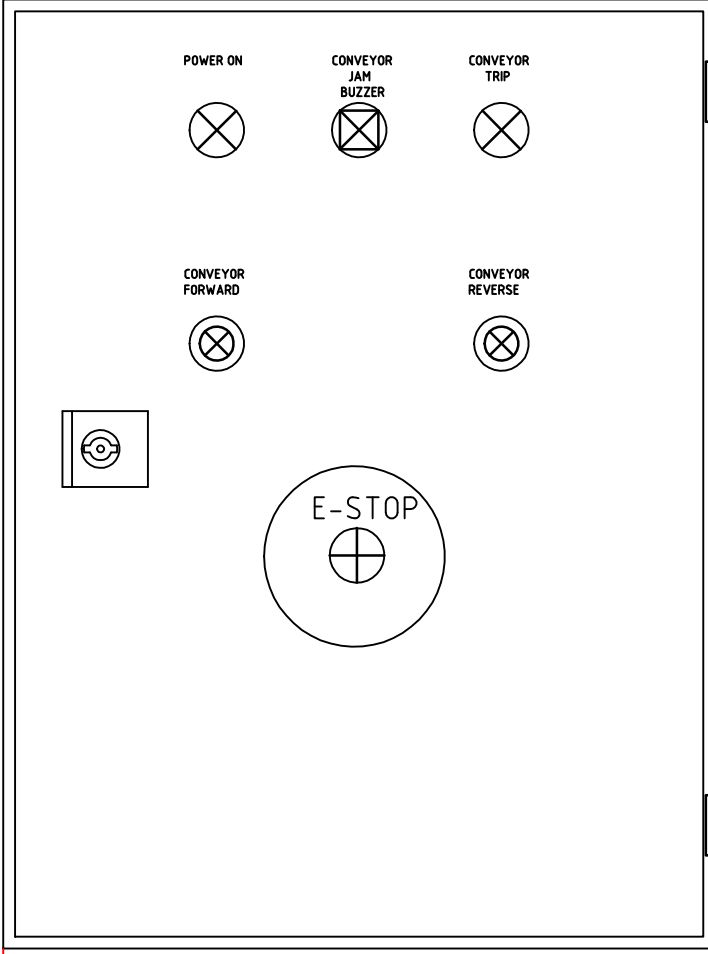
CONTROL PANEL LOCATION

L.H.S. VIEW

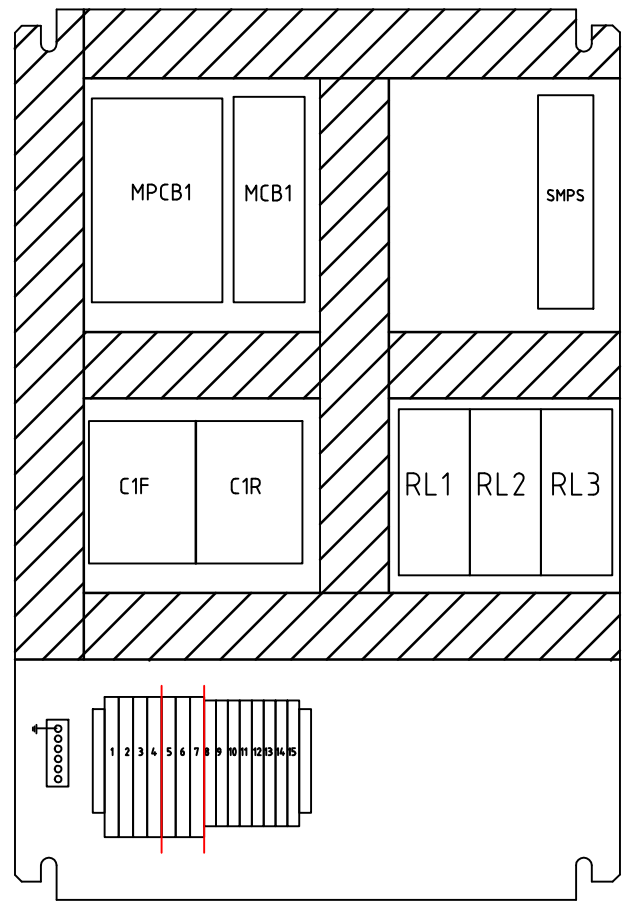
400



210



300



DESIGNED & MFG. BY : SOVEREIGN TECH			
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SCALE	REV	CLIENT :	
NTS		DWG.NO. : MS241026	SHEET NO. : 5 OF 6

COMPONENT LIST OF ELECTRICAL CONTROL PANEL

SR.NO	TYPE (LOCATION)	MAKE	ITEM DESCRIPTION	QTY.
1	MAINS SWITCH	SIEMENS	3POLE/16A PADLOCK	1
2	MCB-1	SIEMENS	2A 2POLE 5SL SERIES	1
3	MPCB 1 CONV.	SIEMENS	MPCB 3VS1300 1-1.6A	1
4	C1,C2,	SIEMENS	3RT20 24VDC,7AMP., NC CONTACT	2
5	ASSEMBLY KIT	SIEMENS	REVERSING KIT	1
6	AUX. CONTACT	SIEMENS	3RH2911	2
7	CONVEYOR FORWARD	SIEMENS	ACTUATOR	1
8		SIEMENS	1NO	1
9		SIEMENS	LED LAMP	1
10	CONVEYOR REVERS	SIEMENS	ACTUATOR	1
11		SIEMENS	1NO	1
12		SIEMENS	LED LAMP	1
13	EMERGENCY STOP	SIEMENS	E-STOP	1
14	POWER ON	SIEMENS	LED 24V WHITE	1
15	CONVEYOR TRIP	SIEMENS	LED 24V RED	2
16	CONVEYOR JAM	TEKNIC	3PLBR4LBZ 24V /DC (LAMP WITH BUZZER)	1
17	SMPS	OMRON	SMPS 2.1Amp. ,24VDC	1
18	TERMINAL BLOCK	WAGO	4mm SQ GRAY	7
19	TERMINAL BLOCK	WAGO	4mm SQ Y/G	1
20	PARTATION PLATE	WAGO	4mm SQ ORANGE	2
21	TERMINAL BLOCK	WAGO	2.5mm SQ GRAY (APPROX.)	10
22	END PLATE	WAGO	2.5mm SQ ORANGE	1
23	STOPPER	WAGO	GRAY	2
24	RL1, RL2.....RL3	OMRON	MY24 4NO 4NC	3
25	FEBRICATION	nVent hoffmann	400H X 300W X 210D	1
26	CUT-OUT, PVC, ECT.		CUT-OUT, PVC, ECT.	1
27	NUTRALINK 30A 10WAY		NUTRALINK 30A 12WAY+BASE	1
28	ALUMINIUM LABLE		PANEL COVER LABLE	1
29	WIRE	POLYCAB/lapp	2.5mm sq.,1.5mm sq., 0.5 mm sq.	1
30	PVC CABLE CHANNEL	ROLY TRY/ SALZER	25MM X 45MM	1
31	DIN RAIL	LOCAL		1

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SCALE REV CLIENT :

NTS DWG.NO. : MS241026 SHEET NO. : 6 OF 6