



Wheel Blast Cabinet WR WM750

Electrical Drawings

Power supply 1x230Vac 50/60Hz

Rev. 2

+A(x) CONTROL PANEL	Location :	Control for Wheel Blast machine			Function :		ELECTRICAL DEPARTMENT					
	Document :	WheelRestore-UK WM750 230V Rev2.vsd	Order no.:		Reference :		Rev. date	01-07-2024	REV	2		
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PAGE NO	DESCRIPTION
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2	TABLE OF CONTENT
3	PANEL LAYOUT
4	MAIN CIRCUITS
5	SAFETY CIRCUITS
6	CONTROL CIRCUITS
7	CONTROL CIRCUITS
8	CONTROL CIRCUITS
9	CONTROL CIRCUITS
10	CONTROL CIRCUITS

COLOR CODES

WIRE COLOR	DESCRIPTION
VIOLET	24Vdc
DARK BLUE	24Vdc Com
BLACK	POWER CIRCUITS
YELLOW/GREEN	PROTECTIVE EARTH

TABLE OF CONTENT SYMBOLS

ITEM	DESCRIPTION	WR NO.	ITEM	DESCRIPTION	WR NO.
-F1	CIRCUIT BREAKER				
-U1	FREQUENCY INVERTER				
-T1	POWER SUPPLY 24VDC 5A				
-K1	AUXILIARY RELAY				
-K2	AUXILIARY RELAY				
-K3	AUXILIARY RELAY				
-K4	AUXILIARY RELAY				
-K5	AUXILIARY RELAY				
-K6	AUXILIARY RELAY				
-K10	SAFETY RELAY				
-K100	OPERATING PANEL				
-K101	PLC				
-E1	ETHERNET SWITCH 5 PORT				
-E2	LINAK CONTROL				
-S1	EMERGENCYSTOP BUTTON				
-SH2	ILUM. PUSHBUTTON START/STOP				
-S3	JOYSTICK 4 POS				
-S4	SELECTOR SWITCH 2 POS				
-S6	DOOR SWITCH				

+A(x)

CONTROL PANEL

Location :	Control for Wheel Blast machine	Function :	TABLE OF CONTENTS AND SYMBOLS	ELECTRICAL DEPARTMENT	
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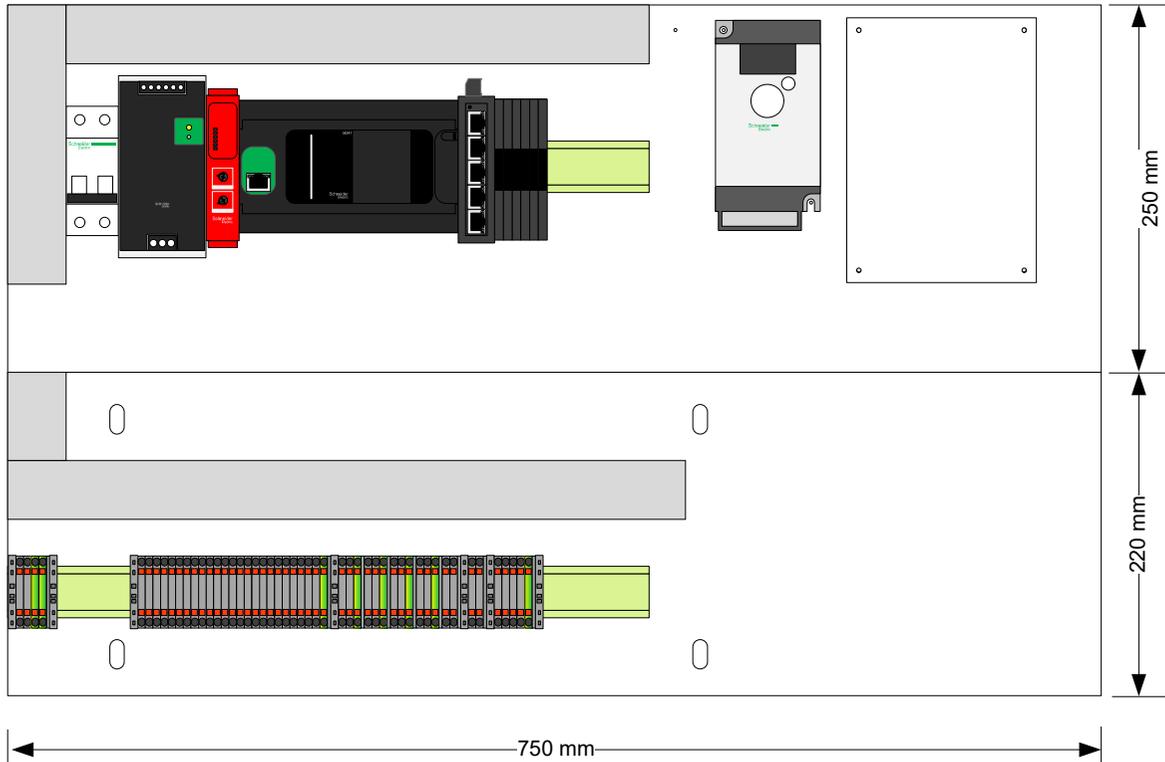
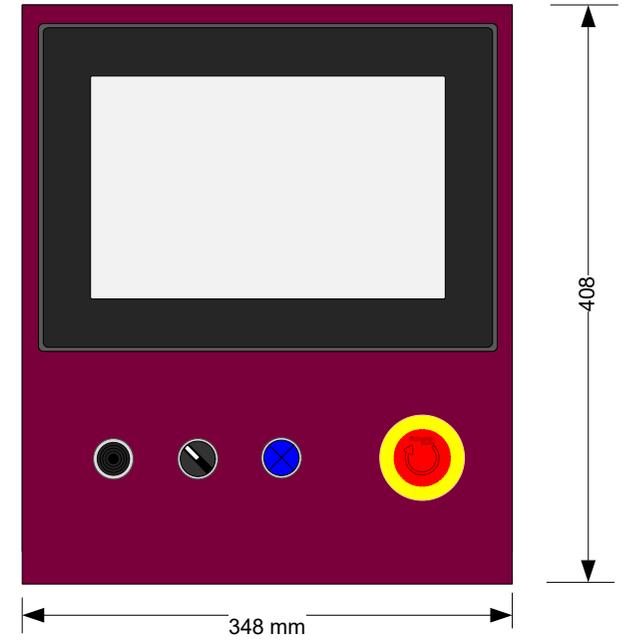


PLATE LAYOUT



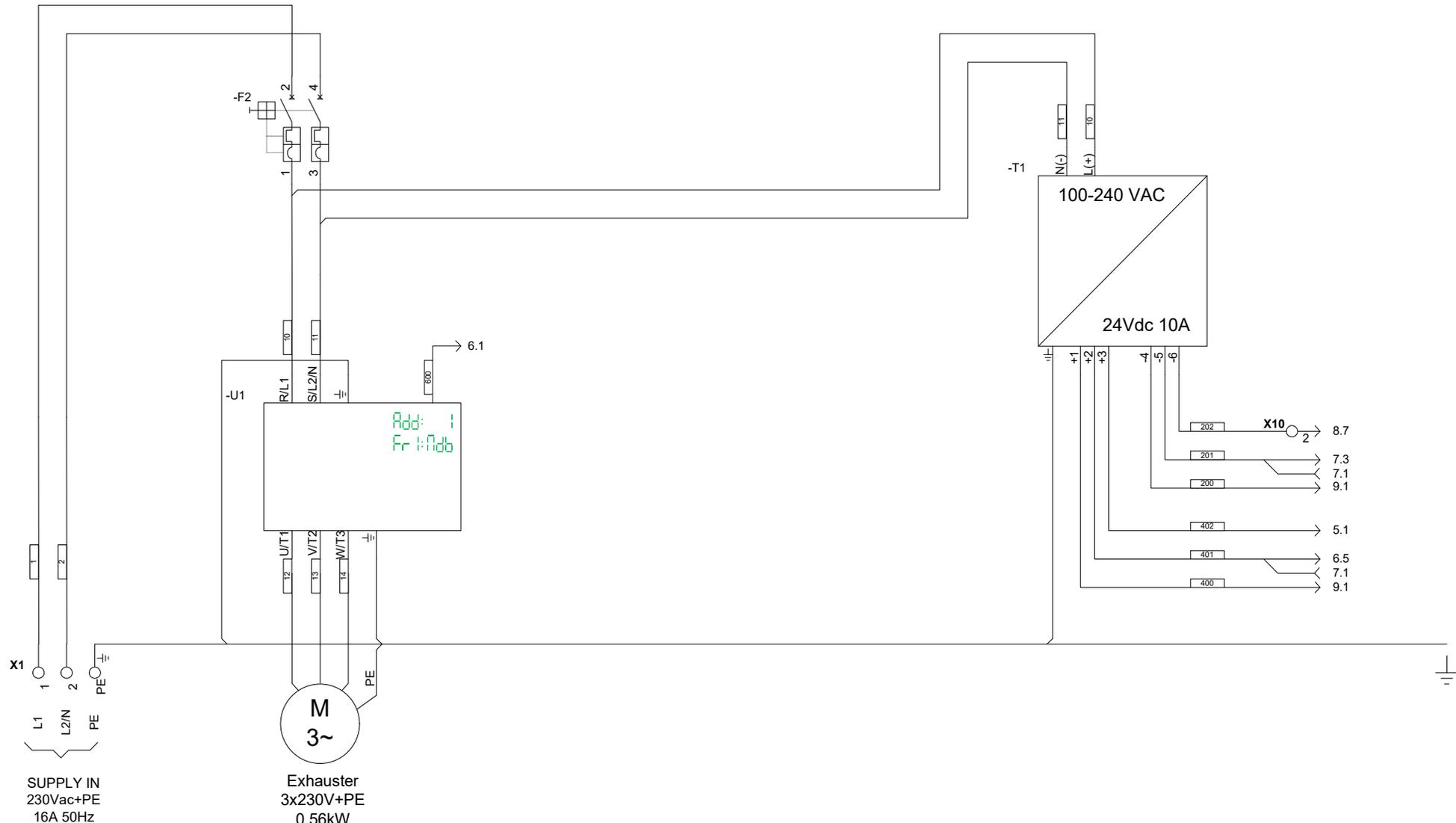
FRONT LAYOUT

+A(x) CONTROL PANEL	Location :	Control for Wheel Blast machine	Function :	ELECTRICAL DEPARTMENT	
			PANEL LAYOUT	Rev. date	01-07-2024
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WR-WM750



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SUPPLY IN
230Vac+PE
16A 50Hz

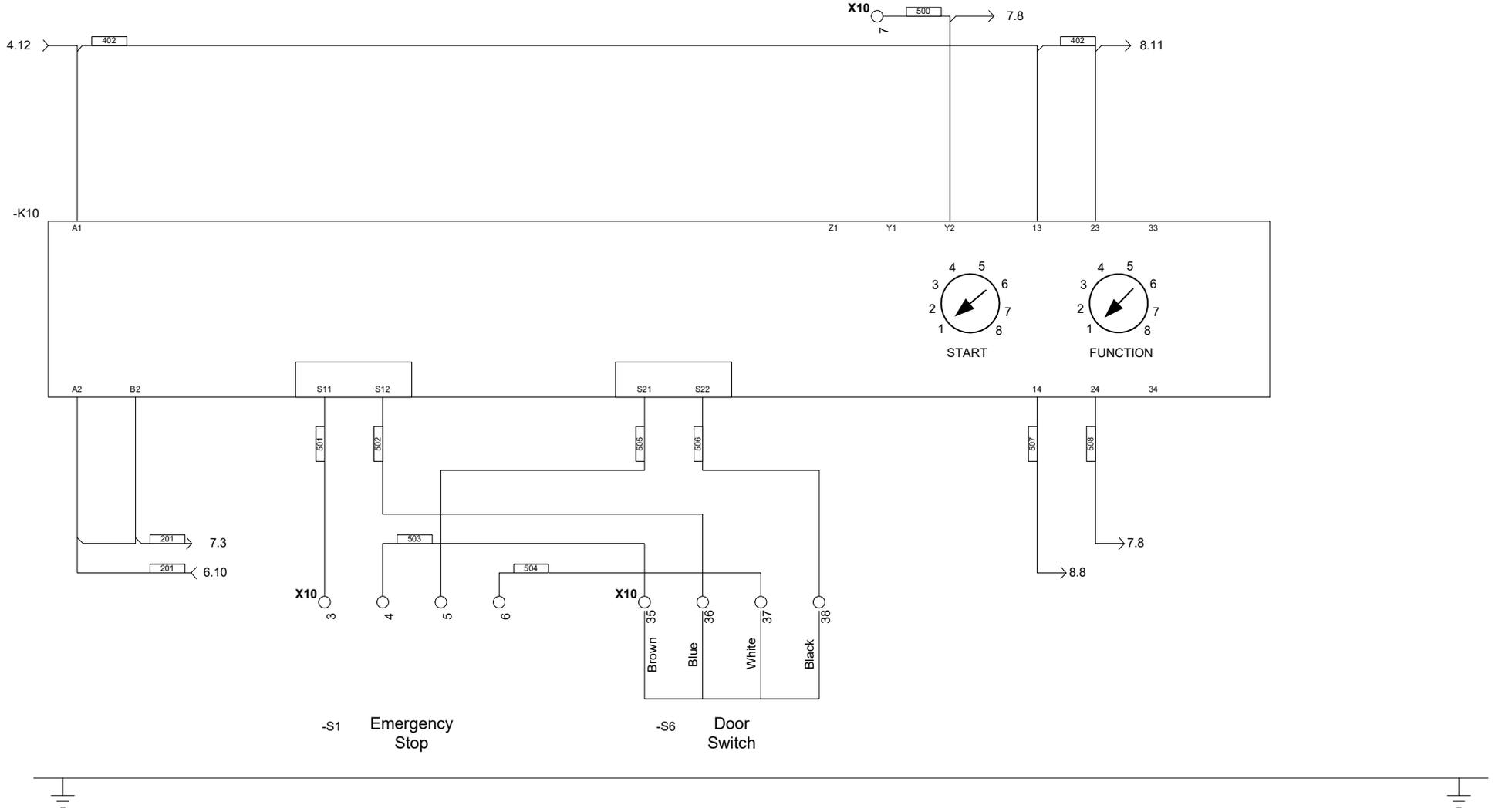
Exhauster
3x230V+PE
0.56kW

+A(x)	Location :	Function :	ELECTRICAL DEPARTMENT	
	Control for Wheel Blast machine		MAIN CIRCUIT	
CONTROL PANEL	Document :	Order no.:	Reference :	Print Date : 30-07-2024
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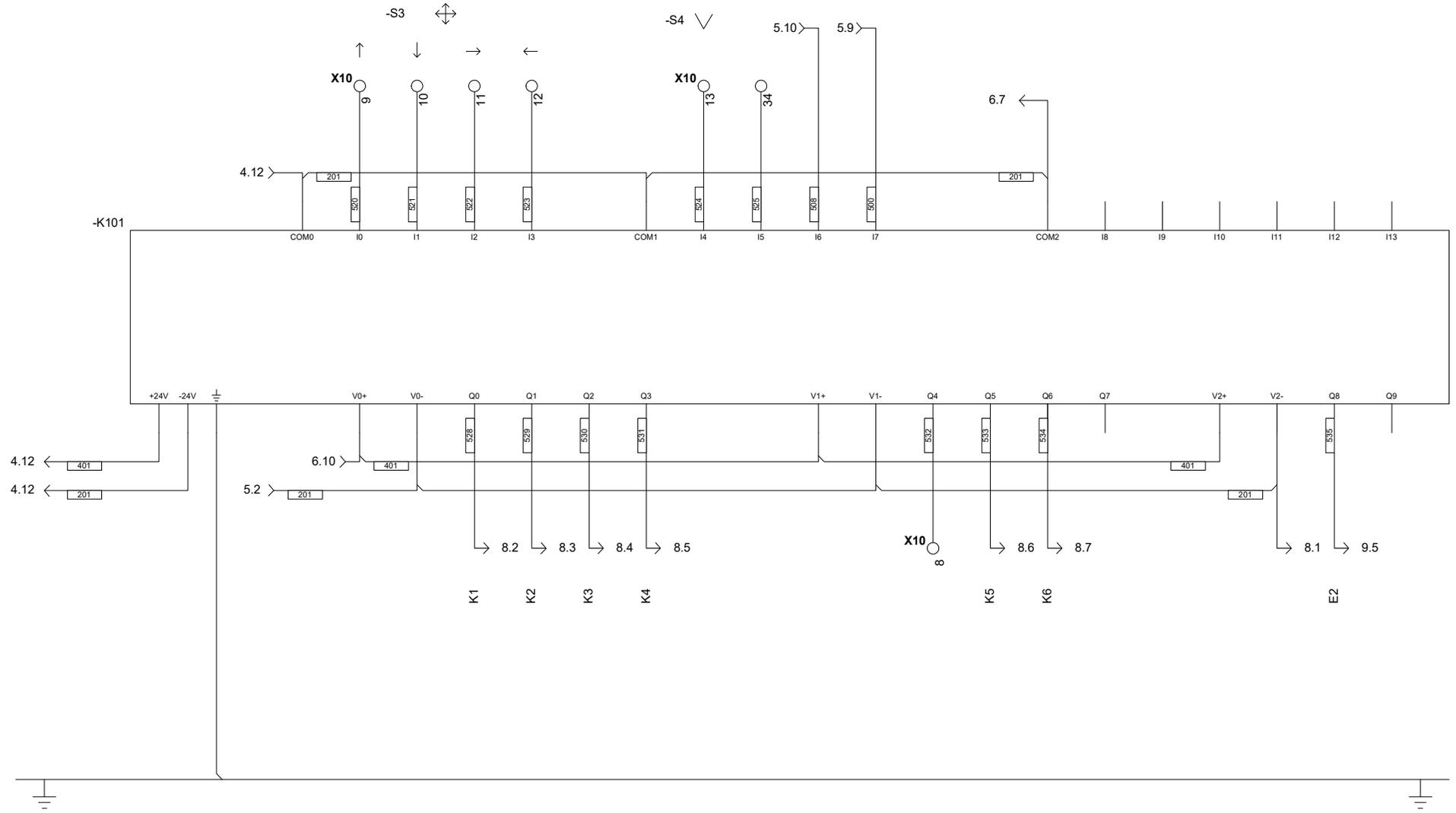
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+A(x) CONTROL PANEL	Location :	Control for Wheel Blast machine	Function :	ELECTRICAL DEPARTMENT		
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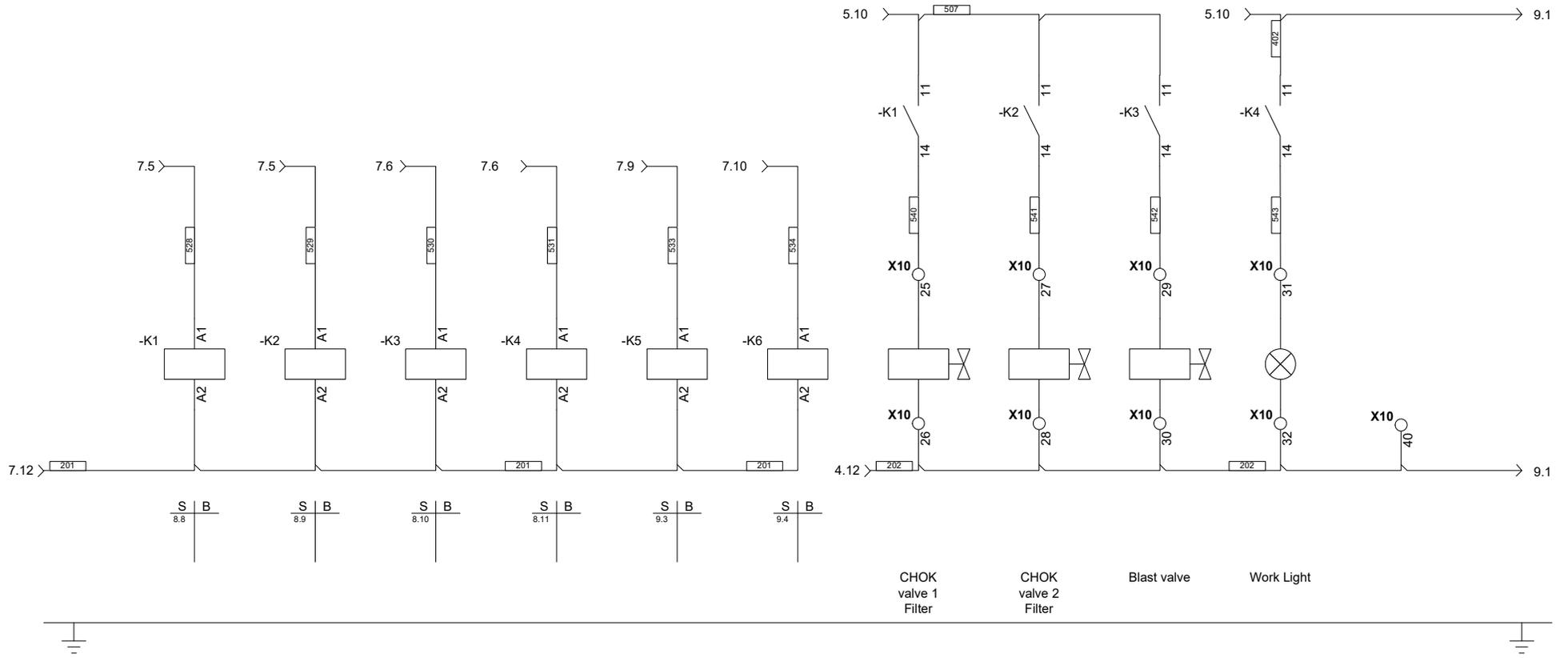


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	Control for Wheel Blast machine		CONTROL CIRCUIT	
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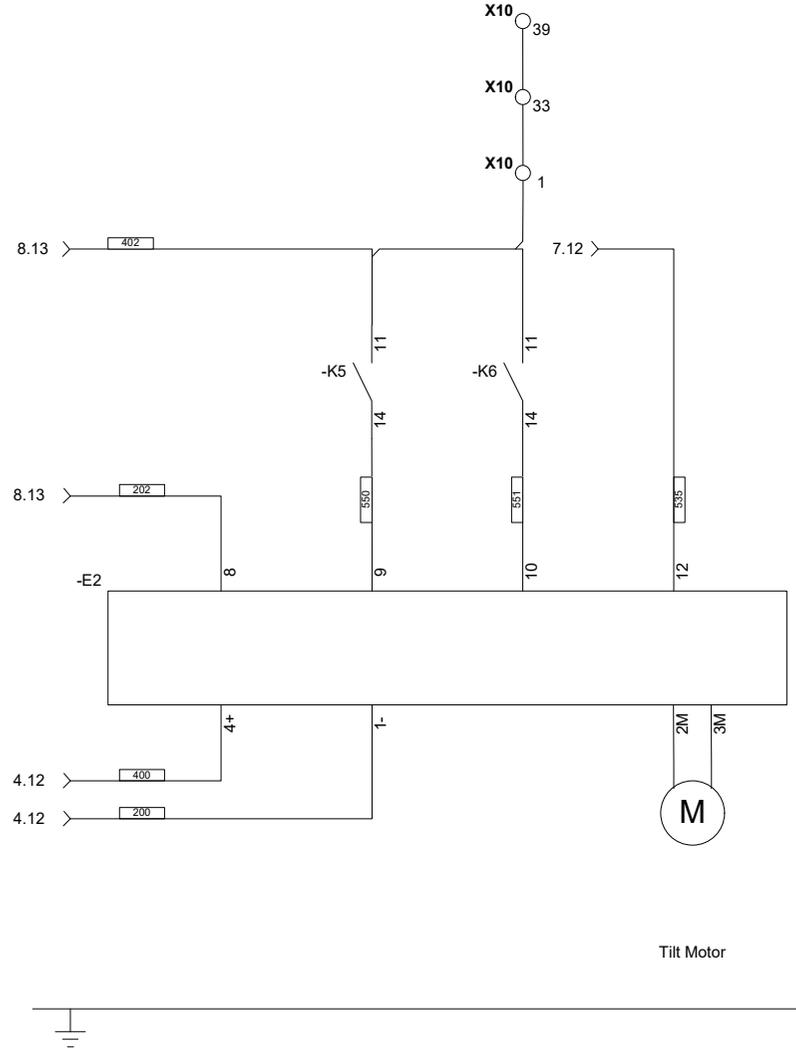


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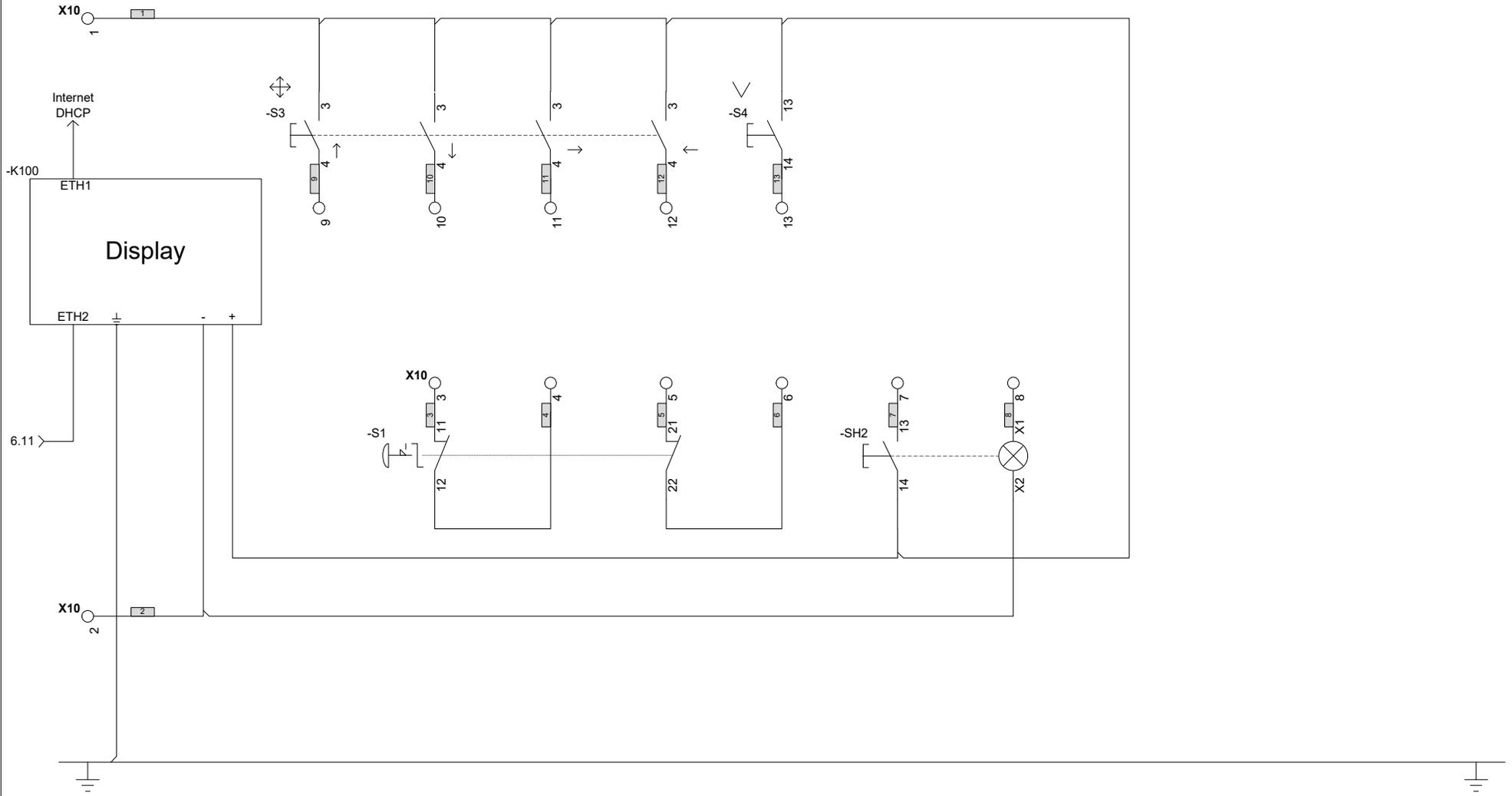
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Tilt Motor

+A(x) CONTROL PANEL	Location :	Control for Wheel Blast machine	Function :	CONTROL CIRCUIT	ELECTRICAL DEPARTMENT				
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