

ELECTRICAL INFORMATION

PC200A10 220v 1ph 10hp Rev. A1.00

PC200B10 230v 3ph 10hp Rev. A1.00

PC200C10 460v 3ph 10hp Rev. A1.00

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PC200A10 220v 1ph 10hp


Rev. A1.00

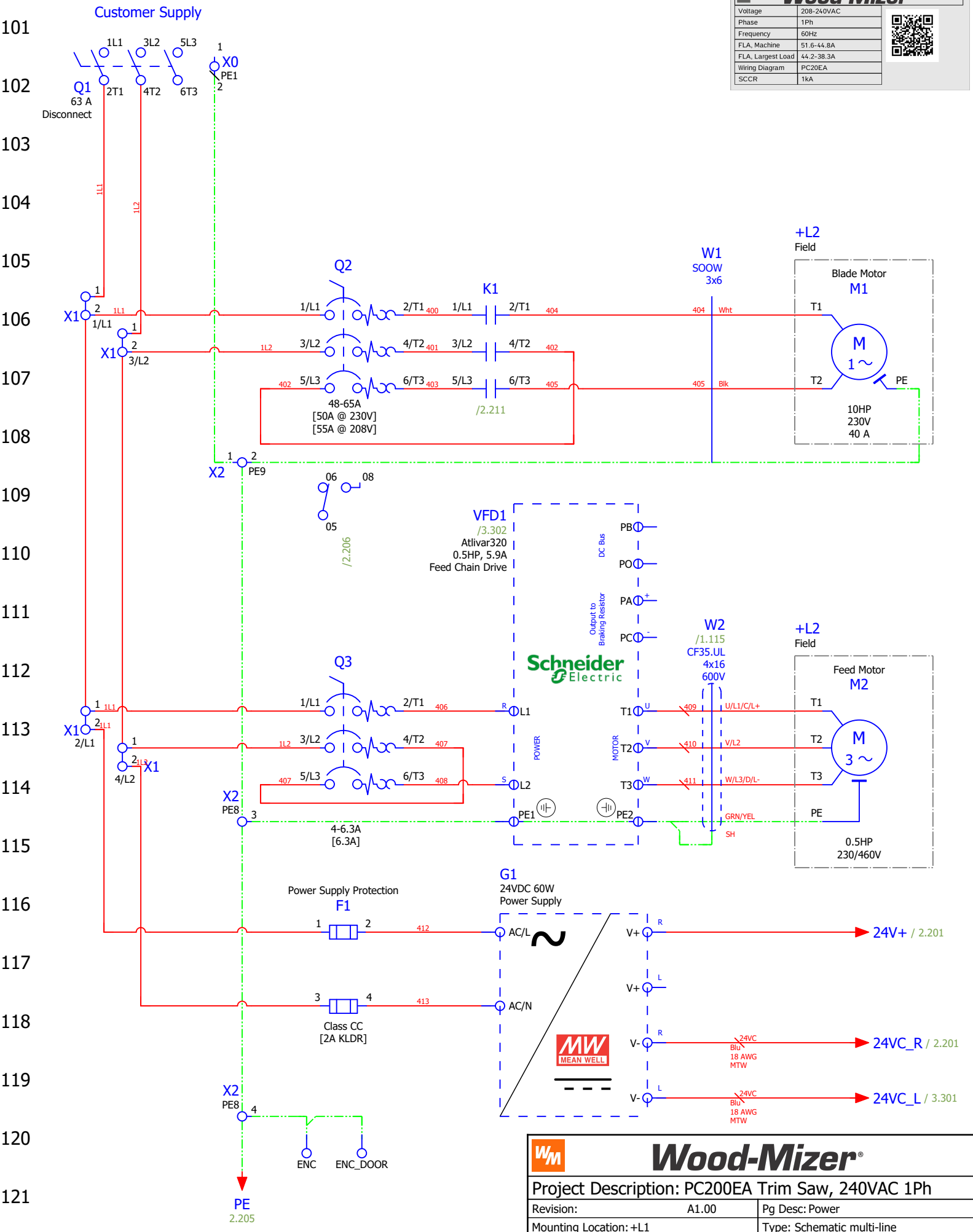
ELECTRICAL INFORMATION

Revision History

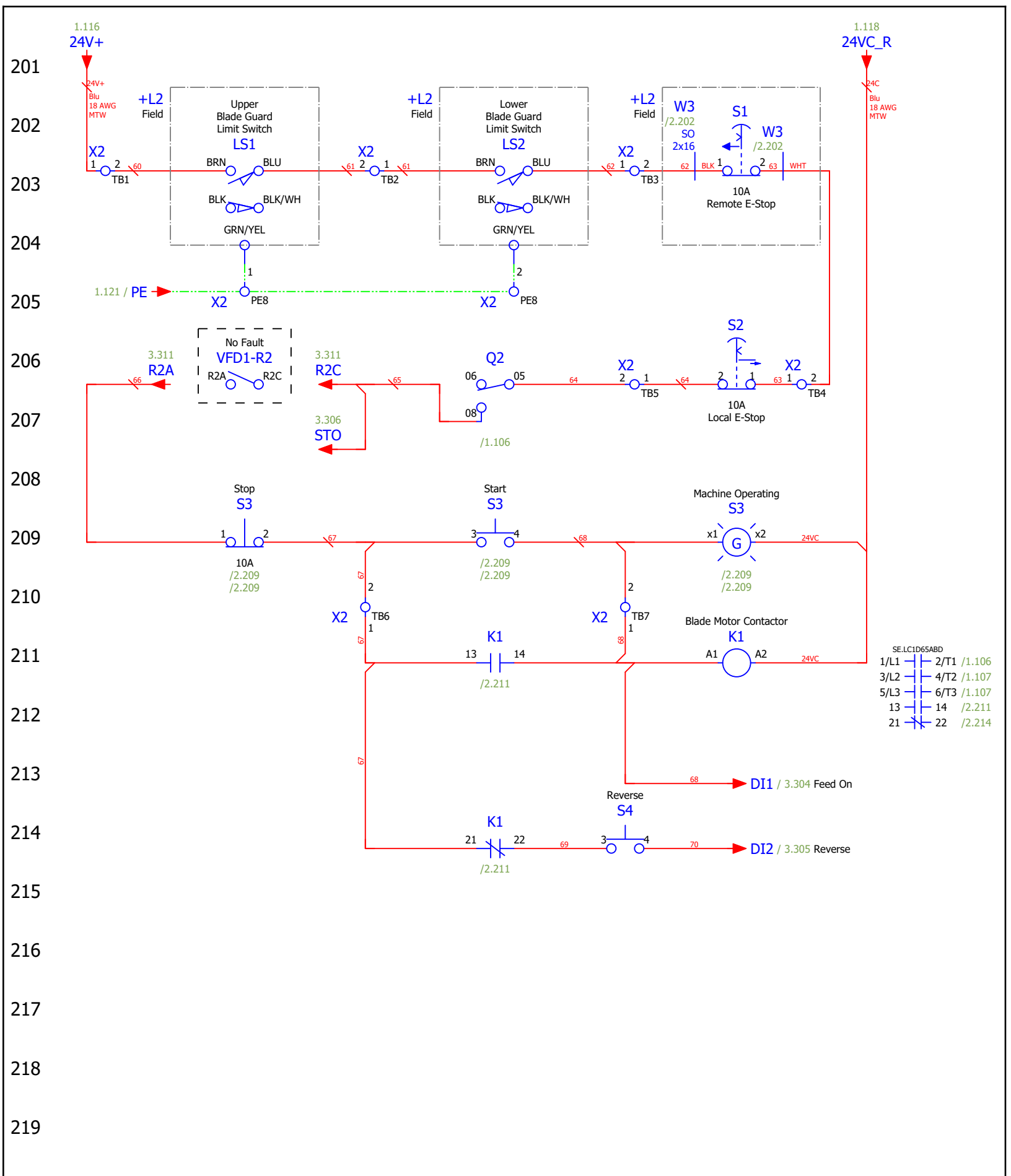
Date	Revision	Revision Record	Drawn By	Checked By
06/24/19	A1.00	Initial Release	SDC	TEM

		Wood-Mizer®	
Project Description: PC200EA Trim Saw, 240VAC 1Ph			
Revision: A1.00		Pg Desc: Revision History	
Mounting Location: +		Type: Overview	
Prev. pg: A1	Page: B1	Next pg: +L1/1	Total Pgs: 15

Wood-Mizer		
Voltage	208-240VAC	
Phase	1Ph	
Frequency	60Hz	
FLA, Machine	51.6-44.8A	
FLA, Largest Load	44.2-38.3A	
Wiring Diagram	PC200EA	
SCCR	1kA	



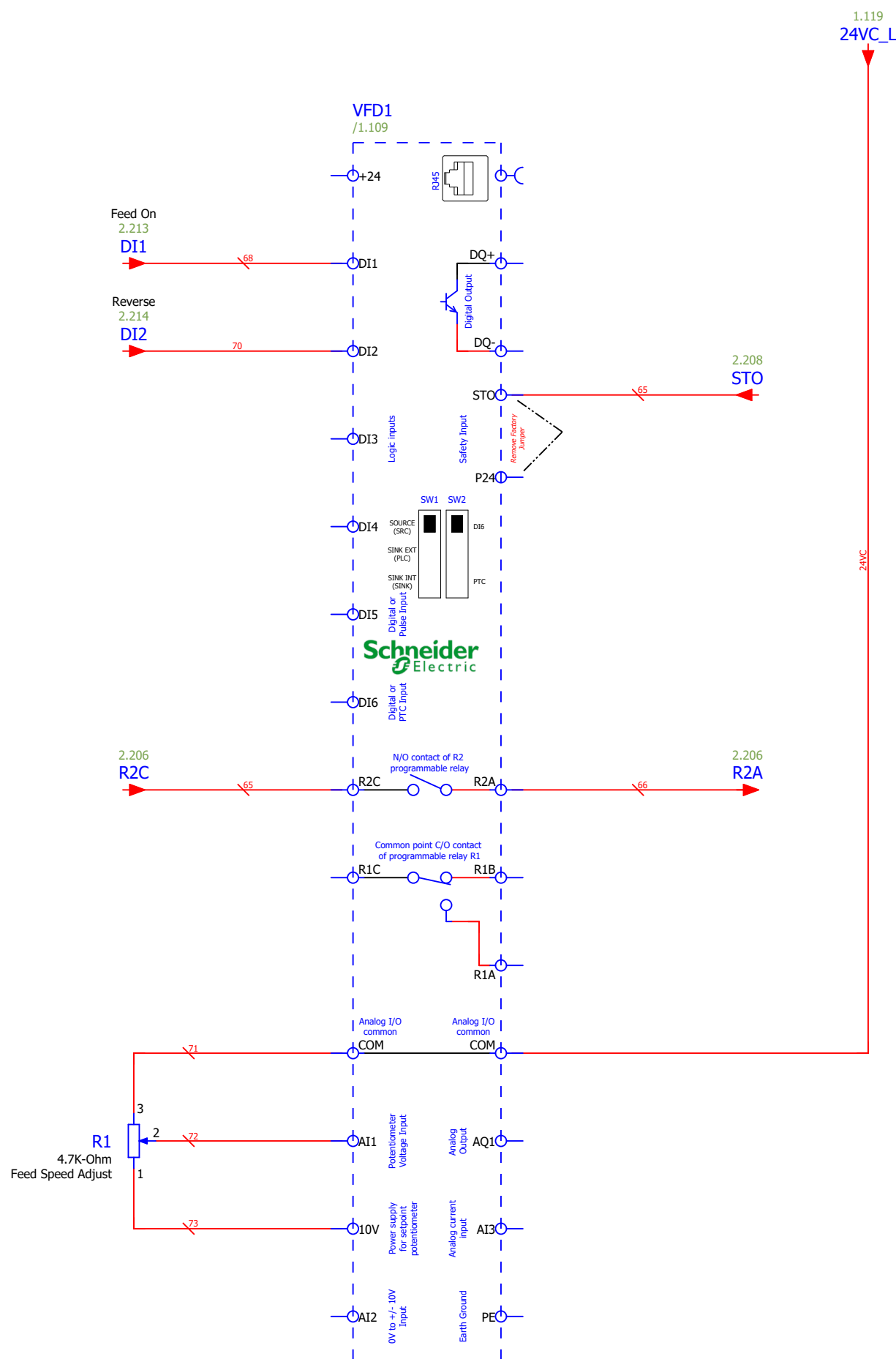
Wood-Mizer	
Project Description: PC200EA Trim Saw, 240VAC 1Ph	
Revision: A1.00	Pg Desc: Power
Mounting Location: +L1	Type: Schematic multi-line
Prev. pg: +/B1	Page: 1
Next pg: 2	Total Pgs: 15



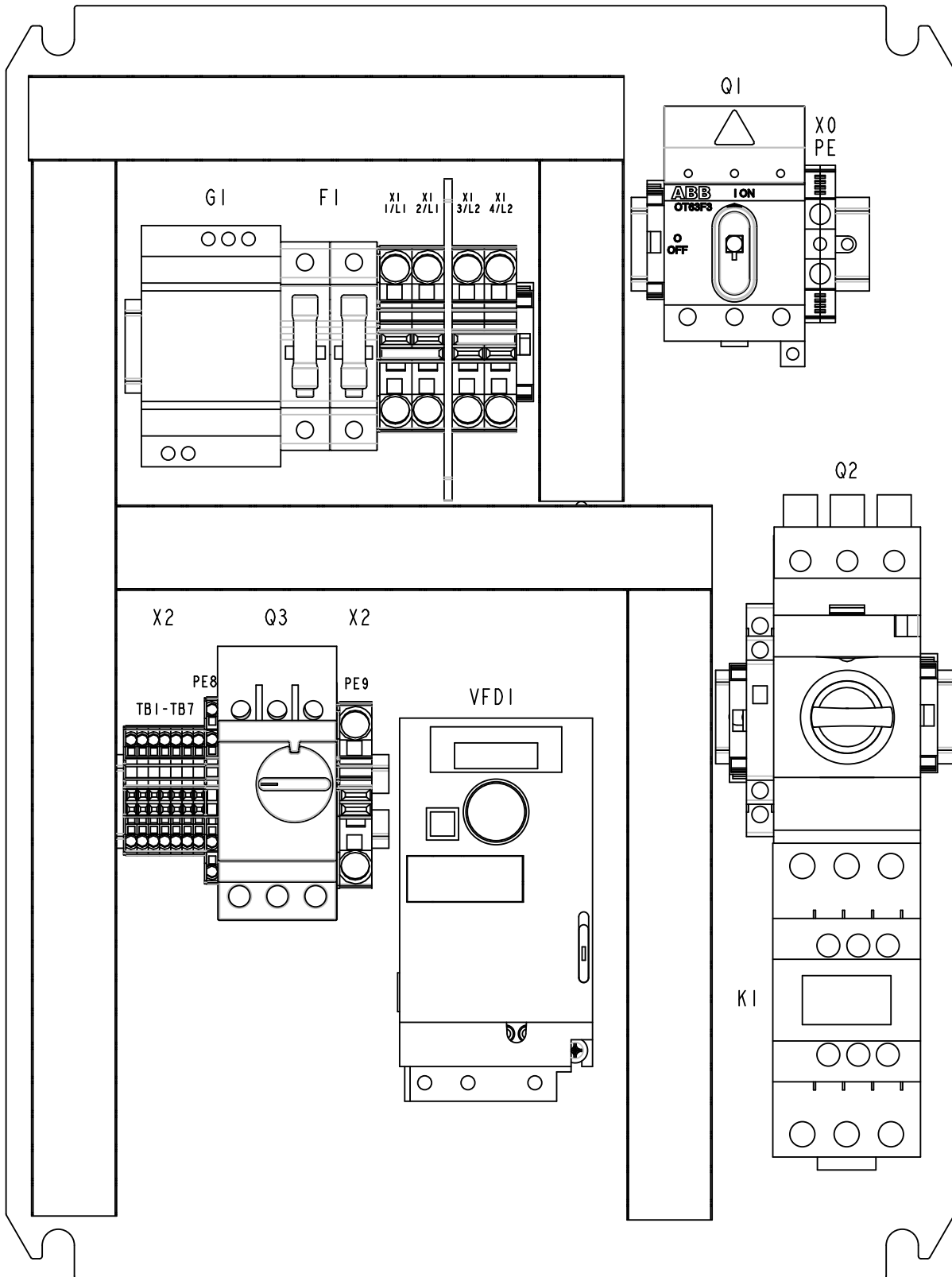
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1/L1	2/T1	/1.106
3/L2	4/T2	/1.107
5/L3	6/T3	/1.107
13	14	/2.211
21	22	/2.214

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Wood-Mizer®			
Project Description: PC200EA Trim Saw, 240VAC 1Ph			
Revision:	A1.00	Pg Desc: VFD Control	
Mounting Location:	+L1	Type: Schematic multi-line	
Prev. pg:	2	Page:	3
		Next pg:	4
		Total Pgs:	15



Wood-Mizer®

Project Description: PC200EA Trim Saw, 240VAC 1Ph

Revision: A1.00

Pg Desc: 121025 Front

Mounting Location: +L1

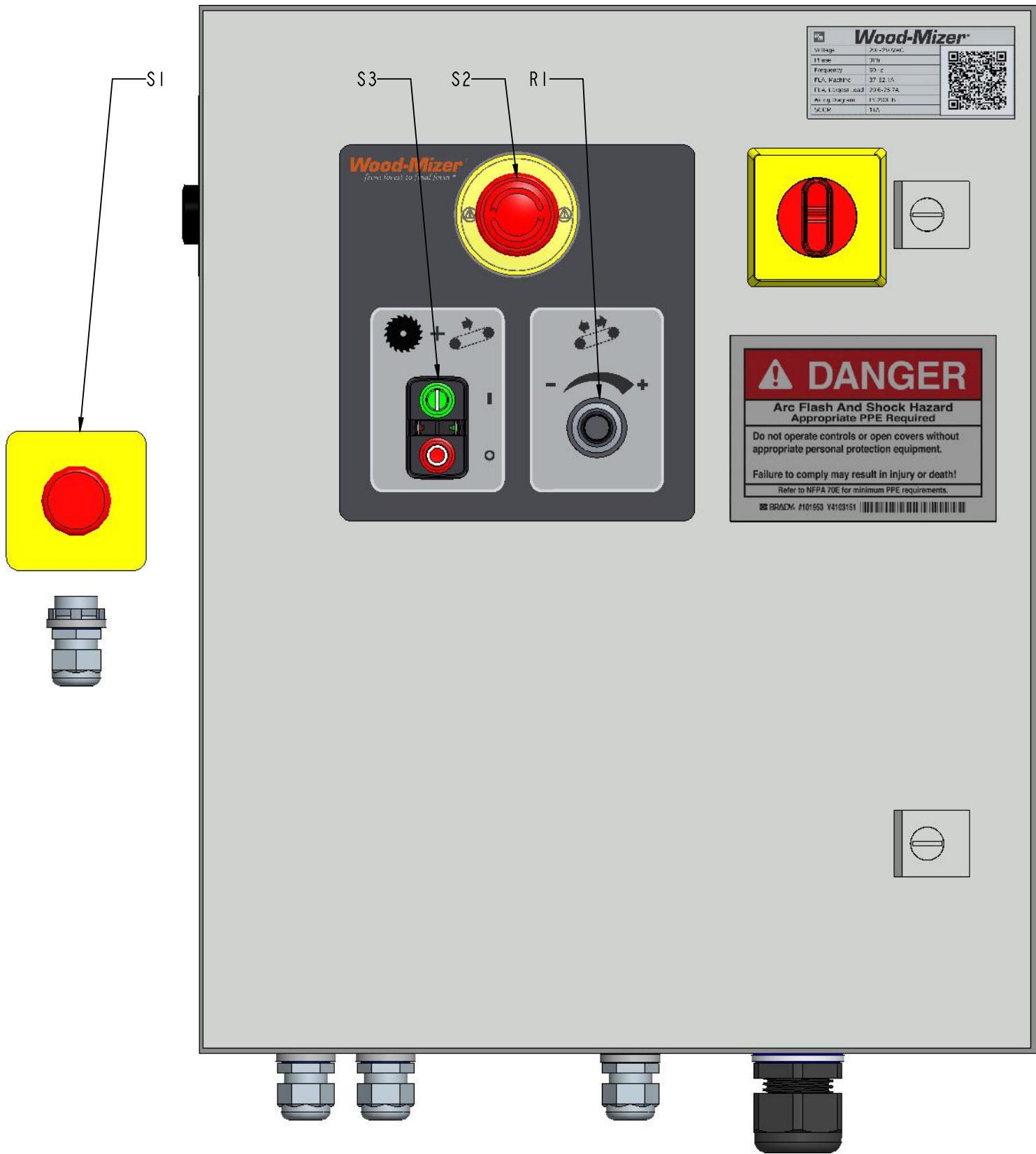
Type: Panel layout

Prev. pg: 3

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Next pg: 5

Total Pgs: 15



Wood-Mizer®		
Voltage	240-250VAC	
Phase	3Ph	
Frequency	50 Hz	
FLA, Machine	37.12.15	
FLA, Control Unit	23.6-25.7A	
Wiring Diagram	11-2023 Rev	
SCOP	Yes	

⚠ DANGER

Arc Flash And Shock Hazard
Appropriate PPE Required

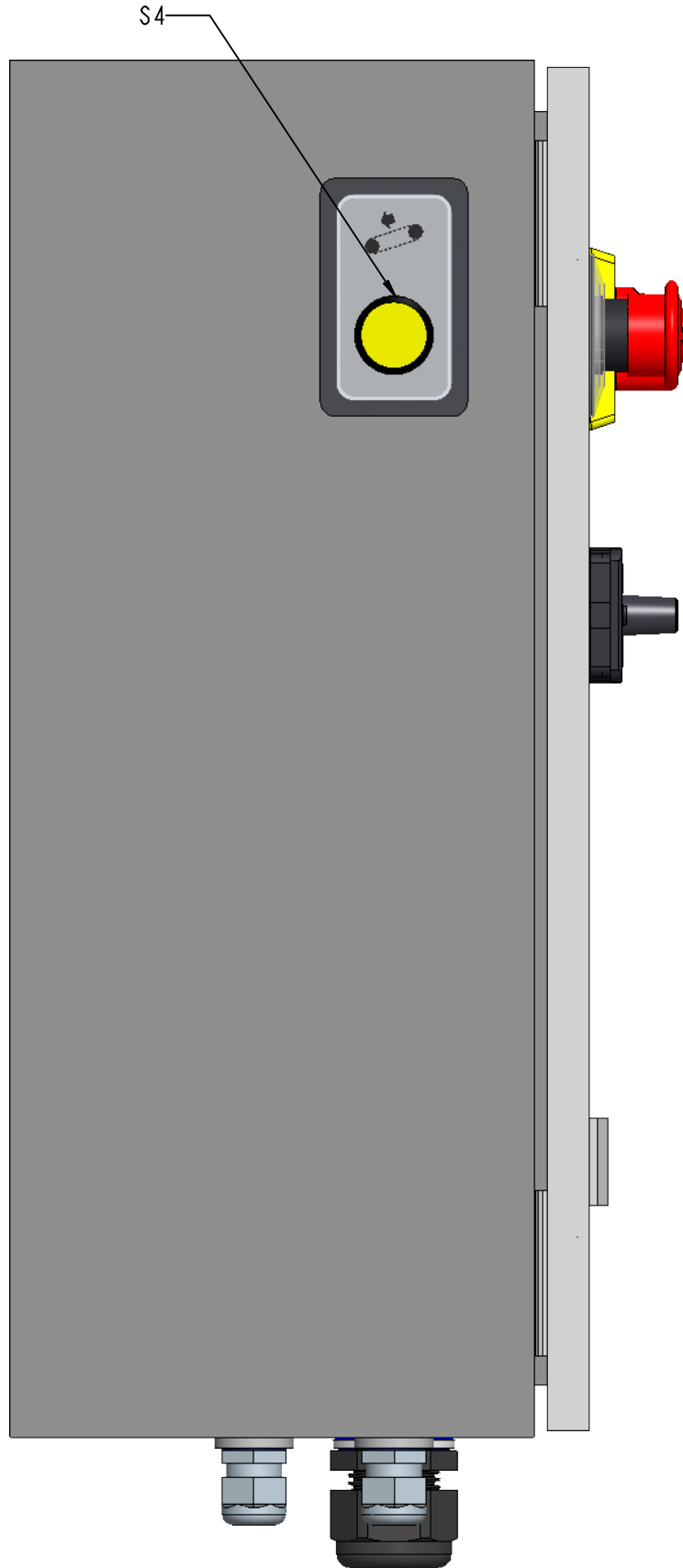
Do not operate controls or open covers without appropriate personal protection equipment.


Failure to comply may result in injury or death!

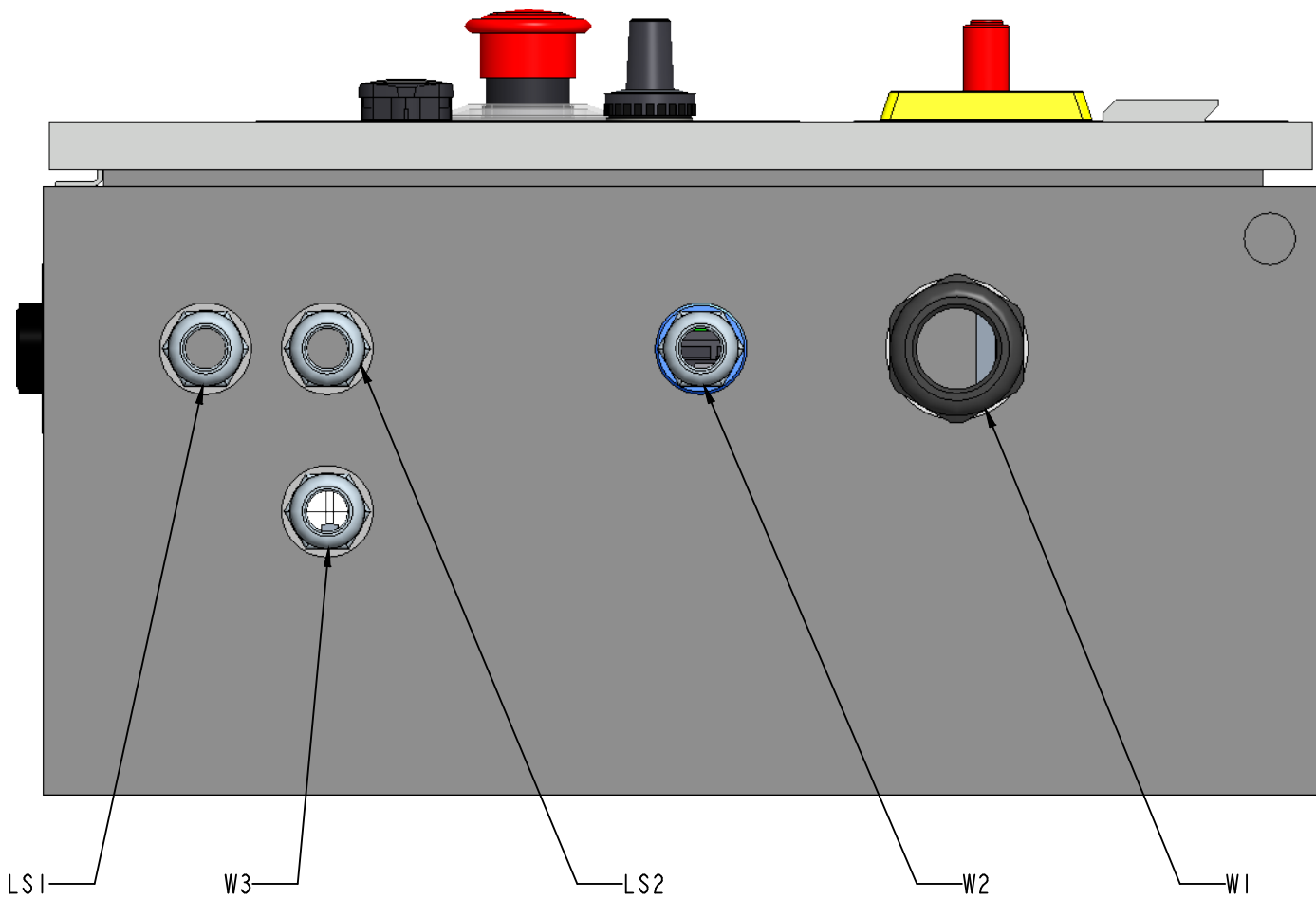
Refer to NFPA 70E for minimum PPE requirements.

BRADN #101953 Y4103161

		Wood-Mizer®	
Project Description: PC200EA Trim Saw, 240VAC 1Ph			
Revision:	A1.00	Pg Desc: 121024 Front	
Mounting Location:	+L1	Type: Panel layout	
Prev. pg:	4	Page:	5
		Next pg:	6
		Total Pgs:	15



		Wood-Mizer®	
Project Description: PC200EA Trim Saw, 240VAC 1Ph			
Revision:	A1.00	Pg Desc: 121024 Left	
Mounting Location:	+L1	Type: Panel layout	
Prev. pg:	5	Page:	6
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		Total Pgs:	15



Wood-Mizer®

Project Description: PC200EA Trim Saw, 240VAC 1Ph

Revision: A1.00

Pg Desc: 121024 Bottom

Mounting Location: +L1

Type: Panel layout

Prev. pg: 6

Page: 7

Next pg: +DOC/C1

Total Pgs: 15

Terminal line-up diagram

Wood-Mizer_Terminal_Lineup_Diagram

Terminal strip +L1-X0

Terminal				Jumper		End Plate	Remark	Terminal X-Ref
Ref. Des.	Level	P/N	Description	Diagram	P/N	P/N		
PE1		052525	Terminal Block, 2P 14-4AWG Screw GND	.				/1.02



Wood-Mizer®

Project Description: PC200EA Trim Saw, 240VAC 1Ph

Revision: A1.00 Pg Desc: Terminal Lineup Diagram

Mounting Location: +DOC Type: Terminal line-up diagram

Prev. pg: C2 Page: D1 Next pg: D2 Total Pgs: 15


Terminal line-up diagram

Terminal strip +L1-X1								
Terminal				Jumper		End Plate	Remark	Terminal X-Ref
Ref. Des.	Level	P/N	Description	Diagram	P/N	P/N		
1/L1		121007	Terminal Block, 2Pos 16mm Orange		121013			/1.06
2/L1		121007	Terminal Block, 2Pos 16mm Orange			068112		/1.13
3/L2		121007	Terminal Block, 2Pos 16mm Orange		121013			/1.06
4/L2		121007	Terminal Block, 2Pos 16mm Orange			068112		/1.13

		Wood-Mizer®	
Project Description: PC200EA Trim Saw, 240VAC 1Ph			
Revision: A1.00		Pg Desc: Terminal Lineup Diagram	
Mounting Location: +DOC		Type: Terminal line-up diagram	
Prev. pg: D1	Page: D2	Next pg: D3	Total Pgs: 15


Terminal line-up diagram

Terminal strip +L1-X2								
Terminal				Jumper		End Plate	Remark	Terminal X-Ref
Ref. Des.	Level	P/N	Description	Diagram	P/N	P/N		
TB1		068100	Terminal Block, 2Pos 1.5mm Clamp	•				/2.03
TB2		068100	Terminal Block, 2Pos 1.5mm Clamp	•				/2.03
TB3		068100	Terminal Block, 2Pos 1.5mm Clamp	•				/2.03
TB4		068100	Terminal Block, 2Pos 1.5mm Clamp	•				/2.06
TB5		068100	Terminal Block, 2Pos 1.5mm Clamp	•				/2.06
TB6		068100	Terminal Block, 2Pos 1.5mm Clamp	•				/2.10
TB7		068100	Terminal Block, 2Pos 1.5mm Clamp	•		068102		/2.10
PE8		068104	Terminal Block, 4Pos 1.5mm GND Clamp	•		068105		/2.05
PE9		068111	Terminal Block, 2 Pos 16mm GND Clamp	•		068112		/1.08

 Wood-Mizer®	
Project Description: PC200EA Trim Saw, 240VAC 1Ph	
Revision: A1.00	Pg Desc: Terminal Lineup Diagram
Mounting Location: +DOC	Type: Terminal line-up diagram
Prev. pg: D2	Page: D3
Next pg: E1	Total Pgs: 15

Cable Overview

Cable Designation	Cable Part Number	Cable Description	Cable X-Ref
W1	127310	Cable Assy, PC200EA Blade Motor	+L1/1.106
W2	127304	Cable Assy, PC200 Feed Motor	+L1/1.115
W3	127309	Cable Assy, PC200 Remote E-Stop	+L1/2.202

		Wood-Mizer®	
Project Description: PC200EA Trim Saw, 240VAC 1Ph			
Revision: A1.00		Pg Desc: Cable Overview	
Mounting Location: +DOC		Type: Cable overview	
Prev. pg: D3	Page: E1	Next pg:	Total Pgs: 15

PC200B10 230v 3ph 10hp

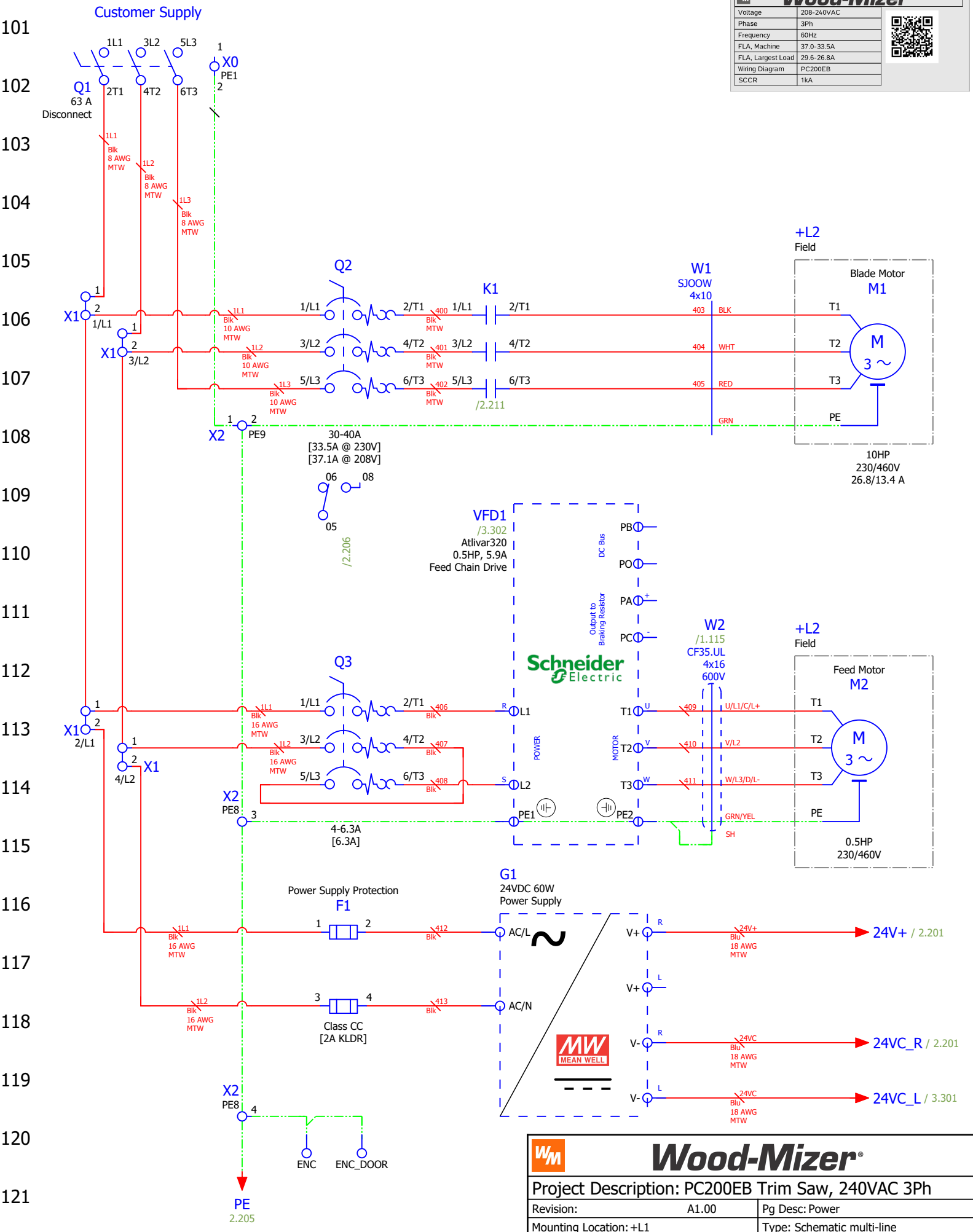
Rev. A1.00

ELECTRICAL INFORMATION

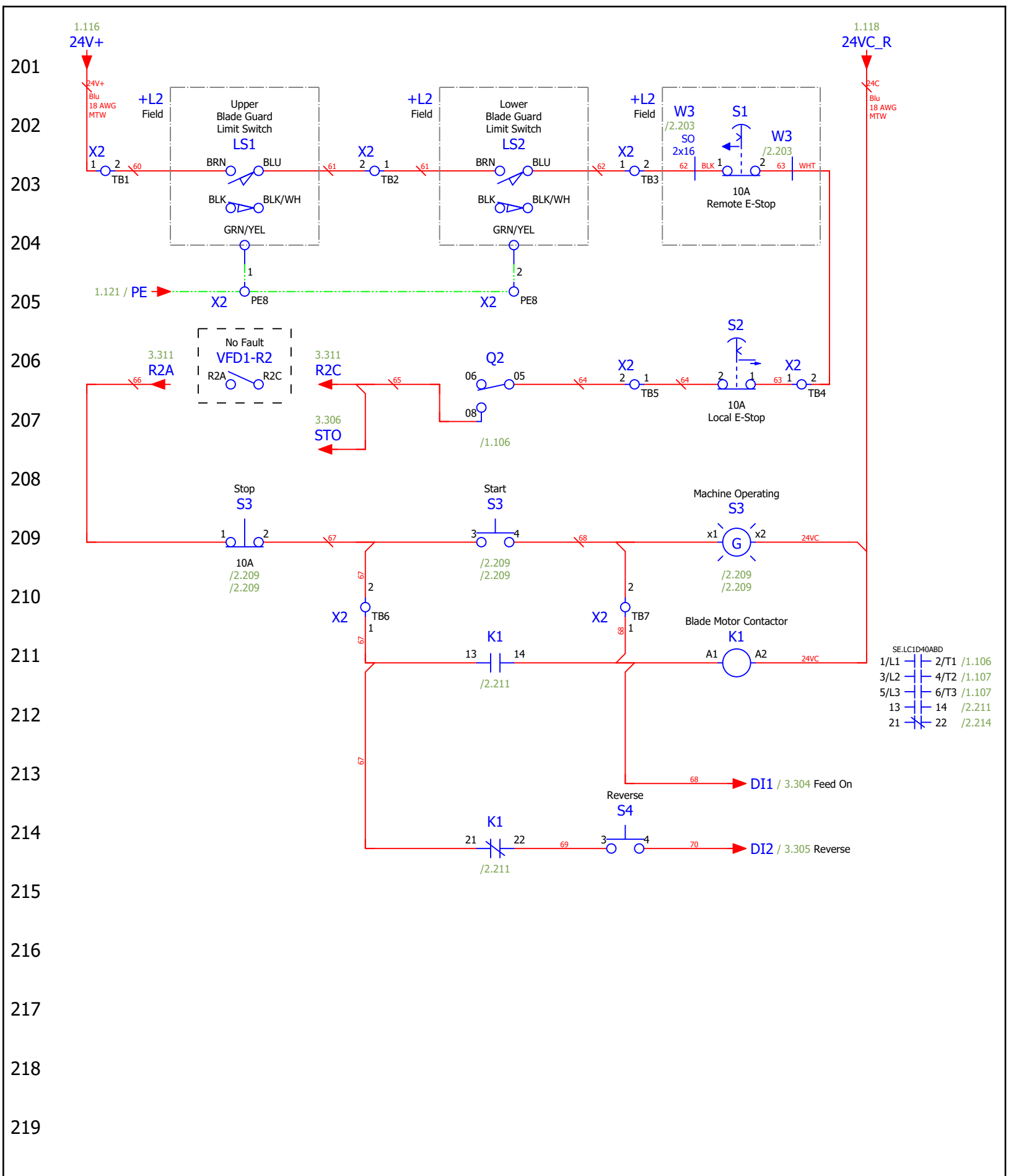
Revision History

Date	Revision	Revision Record	Drawn By	Checked By
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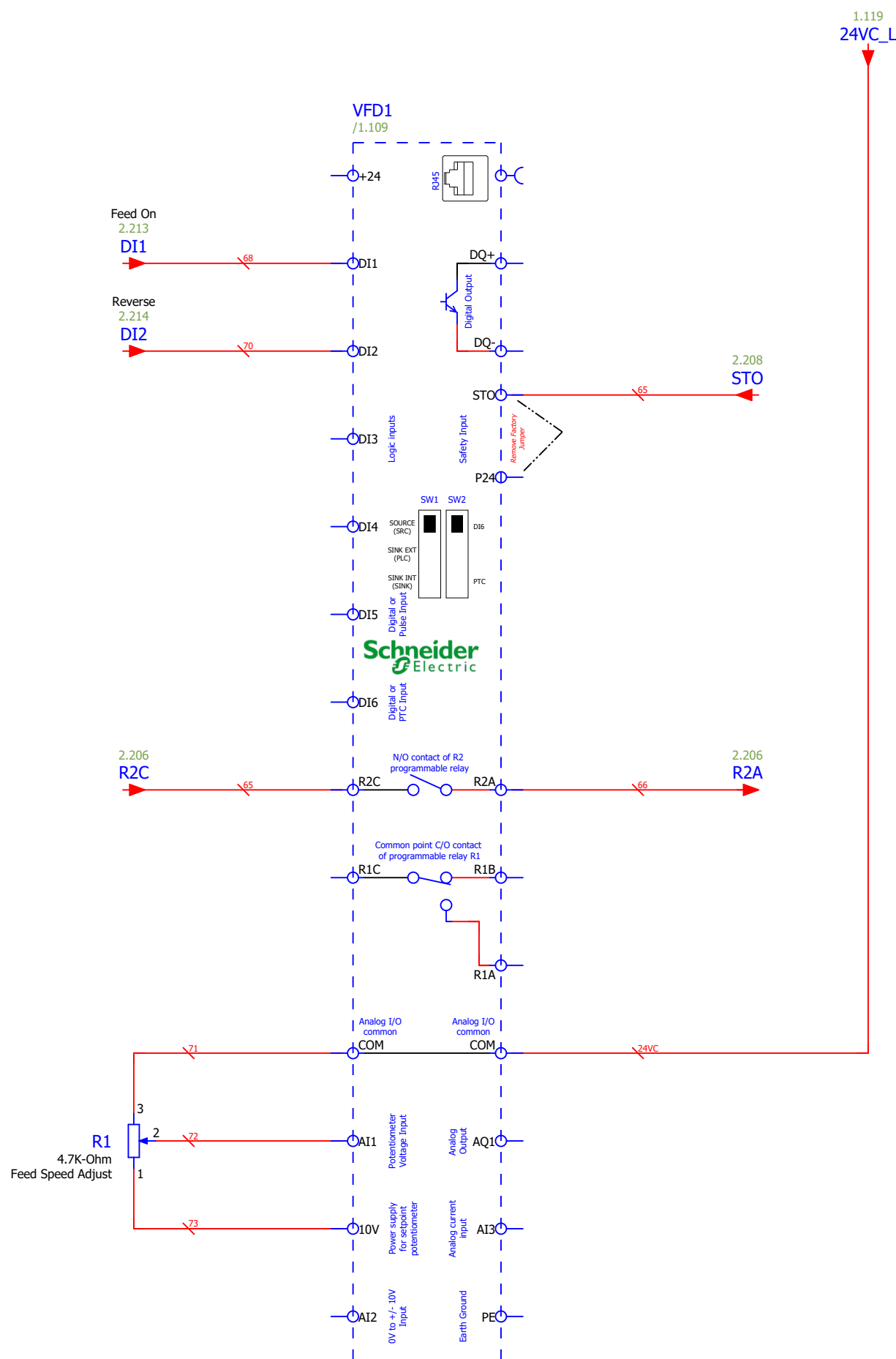
Wood-Mizer		
Voltage	208-240VAC	
Phase	3Ph	
Frequency	60Hz	
FLA, Machine	37.0-33.5A	
FLA, Largest Load	29.6-26.8A	
Wiring Diagram	PC200EB	
SCCR	1kA	



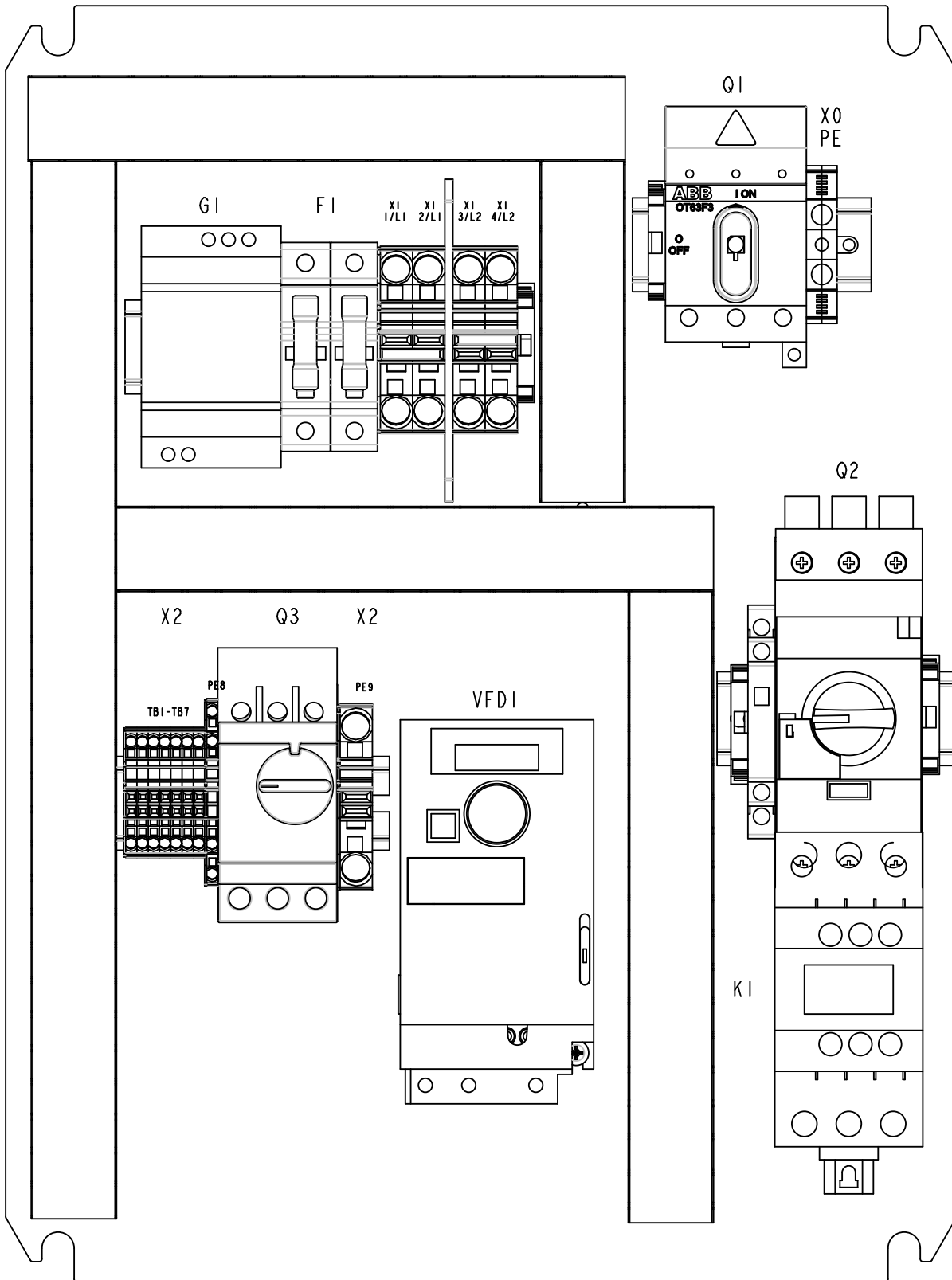
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Project Description: PC200EB Trim Saw, 240VAC 3Ph	
Revision: A1.00	Pg Desc: Power
Mounting Location: +L1	Type: Schematic multi-line
Prev. pg: +/B1	Page: 1
Next pg: 2	Total Pgs: 15



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Wood-Mizer®			
Project Description: PC200EB Trim Saw, 240VAC 3Ph			
Revision:	A1.00	Pg Desc: VFD Control	
Mounting Location:	+L1	Type: Schematic multi-line	
Prev. pg:	2	Page:	3
		Next pg:	4
		Total Pgs:	15



Wood-Mizer®

Project Description: PC200EB Trim Saw, 240VAC 3Ph

Revision: A1.00

Pg Desc: 121012 Front

Mounting Location: +L1

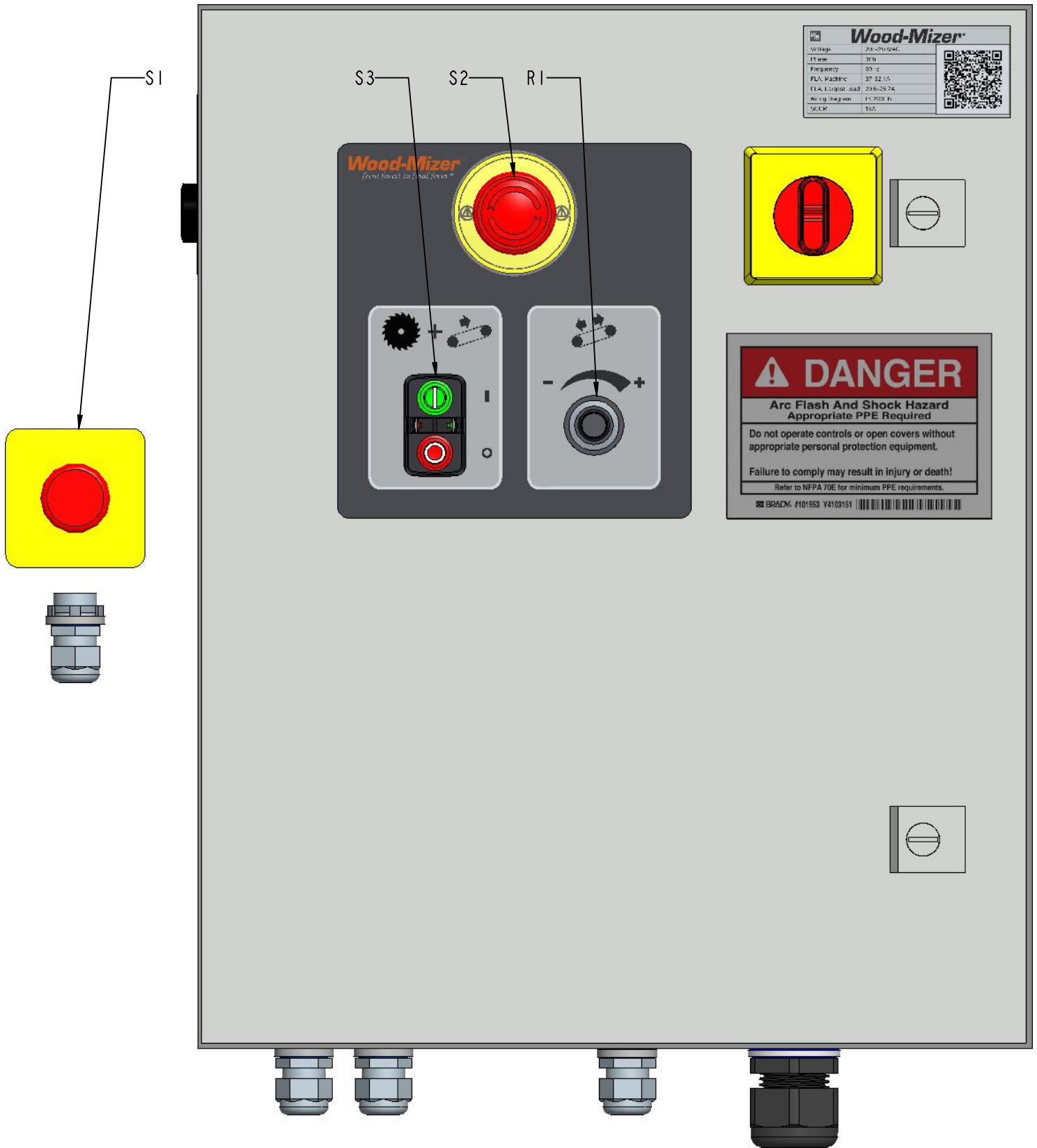
Type: Panel layout

Prev. pg: 3

Page: 4

Next pg: 5

Total Pgs: 15



Wood-Mizer®	
Model	200-20024C
Voltage	240VAC
Phase	3P
Frequency	50 Hz
FLA, Machine	37.52 A
FLA, Control Lead	29.6-25.7A
Wiring Diagram	15-203-16
SCOP	165


⚠ DANGER
Arc Flash And Shock Hazard
Appropriate PPE Required

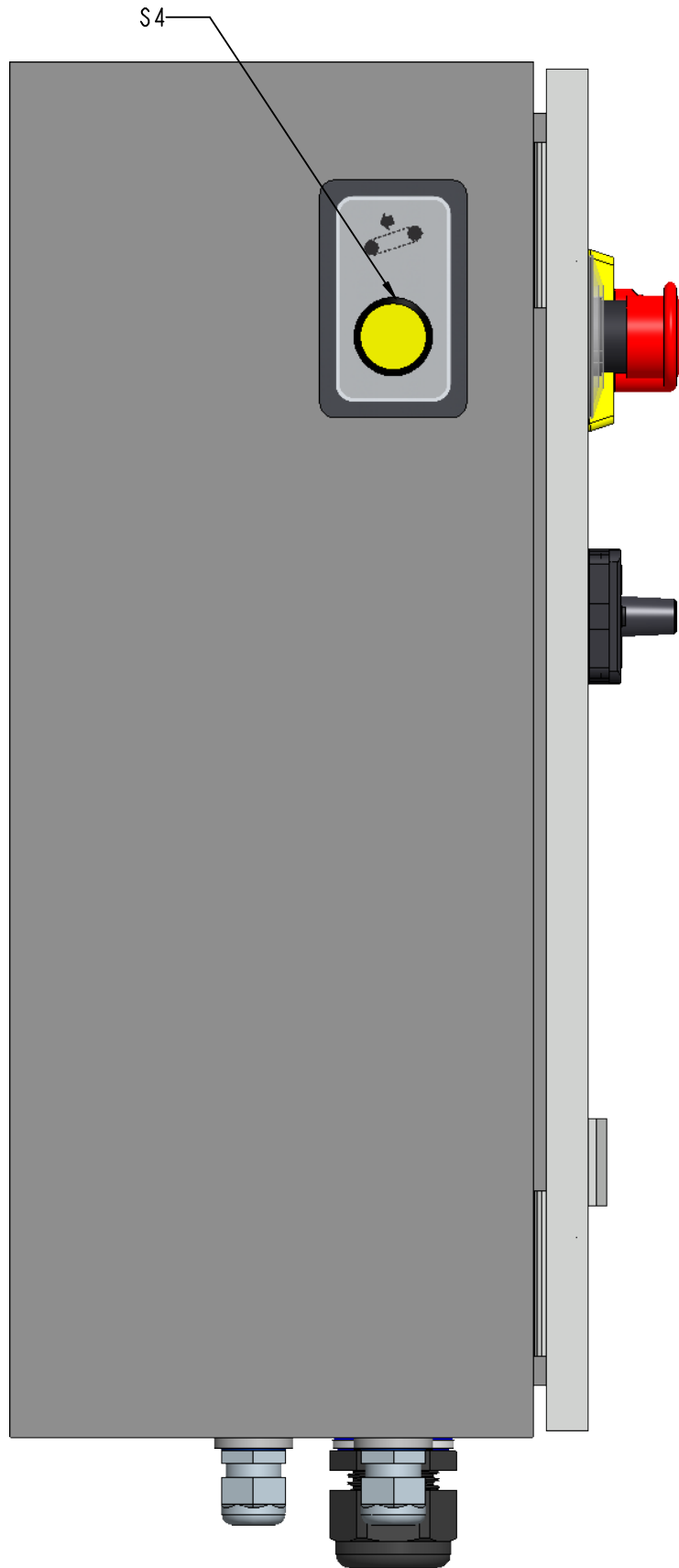
Do not operate controls or open covers without appropriate personal protection equipment.

Failure to comply may result in injury or death!

Refer to NFPA 70E for minimum PPE requirements.

BRACK #101553 V4103161

 Wood-Mizer®			
Project Description: PC200EB Trim Saw, 240VAC 3Ph			
Revision:	A1.00	Pg Desc: 121011 Front	
Mounting Location:	+L1	Type: Panel layout	
Prev. pg:	4	Page:	5
		Next pg:	6
			Total Pgs: 15



Wood-Mizer®

Project Description: PC200EB Trim Saw, 240VAC 3Ph

Revision: A1.00

Pg Desc: 121011 Left

Mounting Location: +L1

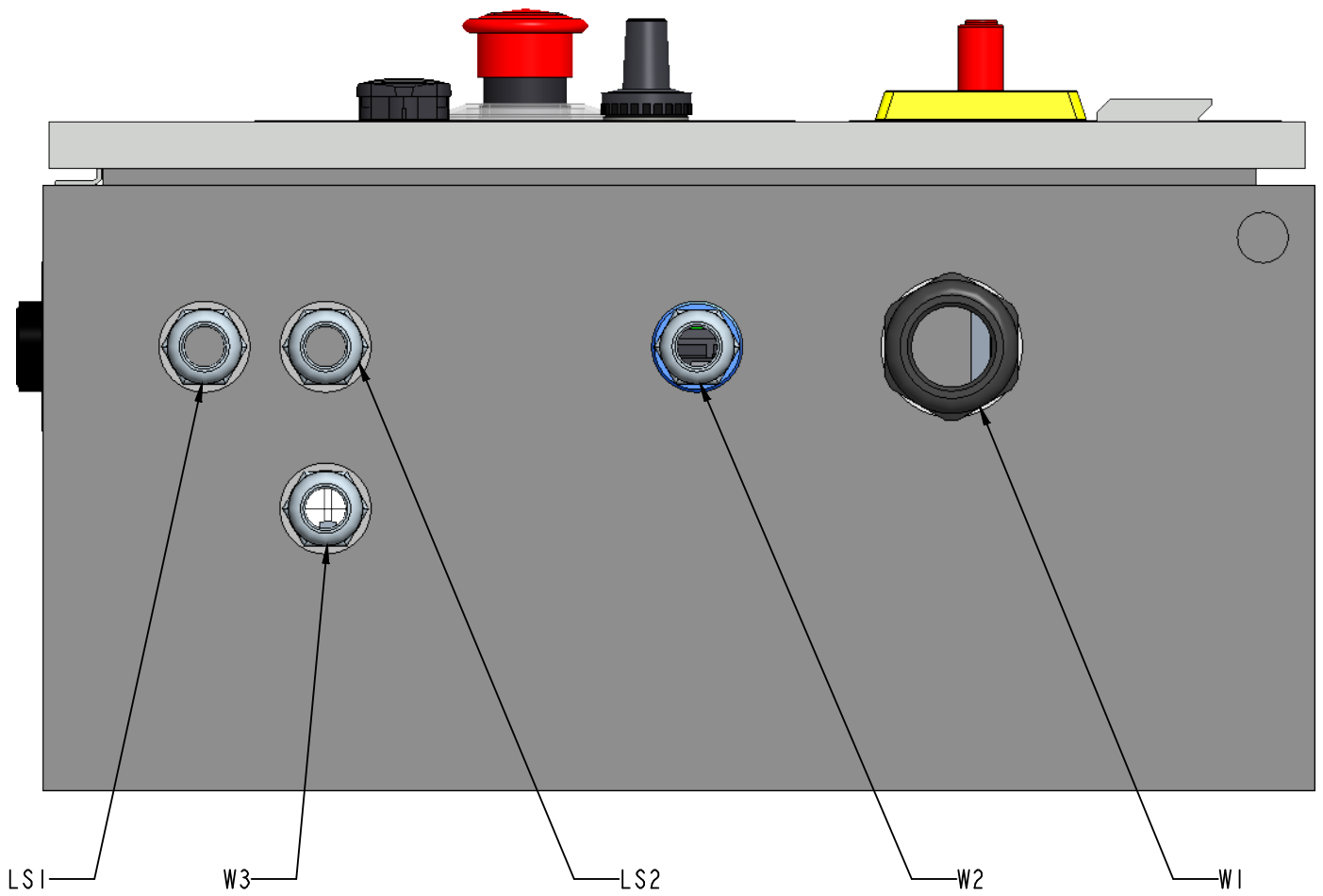
Type: Panel layout

Prev. pg: 5

Page: 6

Next pg: 7

Total Pgs: 15



Wood-Mizer®

Project Description: PC200EB Trim Saw, 240VAC 3Ph

Revision: A1.00

Pg Desc: 121011 Bottom

Mounting Location: +L1

Type: Panel layout

Prev. pg: 6


Page: 7

Next pg: +DOC/C1





Total Pgs: 15


Terminal line-up diagram

Terminal strip +L1-X0								
Terminal				Jumper		End Plate	Remark	Terminal X-Ref
Ref. Des.	Level	P/N	Description	Diagram	P/N	P/N		
PE1		052525	Terminal Block, 2P 14-4AWG Screw GND	.				/1.02

 Wood-Mizer®	
Project Description: PC200EB Trim Saw, 240VAC 3Ph	
Revision: A1.00	Pg Desc: Terminal Lineup Diagram
Mounting Location: +DOC	Type: Terminal line-up diagram
Prev. pg: C2	Page: D1
Next pg: D2	Total Pgs: 15


Terminal line-up diagram

Terminal strip +L1-X1								
Terminal				Jumper		End Plate	Remark	Terminal X-Ref
Ref. Des.	Level	P/N	Description	Diagram	P/N	P/N		
1/L1		121007	Terminal Block, 2Pos 16mm Orange		121013			/1.06
2/L1		121007	Terminal Block, 2Pos 16mm Orange			068112		/1.13
3/L2		121007	Terminal Block, 2Pos 16mm Orange		121013			/1.06
4/L2		121007	Terminal Block, 2Pos 16mm Orange			068112		/1.13

		Wood-Mizer®	
Project Description: PC200EB Trim Saw, 240VAC 3Ph			
Revision: A1.00		Pg Desc: Terminal Lineup Diagram	
Mounting Location: +DOC		Type: Terminal line-up diagram	
Prev. pg: D1	Page: D2	Next pg: D3	Total Pgs: 15


Terminal line-up diagram

Terminal strip +L1-X2								
Terminal				Jumper		End Plate	Remark	Terminal X-Ref
Ref. Des.	Level	P/N	Description	Diagram	P/N	P/N		
TB1		068100	Terminal Block, 2Pos 1.5mm Clamp	•				/2.03
TB2		068100	Terminal Block, 2Pos 1.5mm Clamp	•				/2.03
TB3		068100	Terminal Block, 2Pos 1.5mm Clamp	•				/2.03
TB4		068100	Terminal Block, 2Pos 1.5mm Clamp	•				/2.06
TB5		068100	Terminal Block, 2Pos 1.5mm Clamp	•				/2.06
TB6		068100	Terminal Block, 2Pos 1.5mm Clamp	•				/2.10
TB7		068100	Terminal Block, 2Pos 1.5mm Clamp	•		068102		/2.10
PE8		068104	Terminal Block, 4Pos 1.5mm GND Clamp	•		068105		/2.05
PE9		068111	Terminal Block, 2 Pos 16mm GND Clamp	•		068112		/1.08

 Wood-Mizer®	
Project Description: PC200EB Trim Saw, 240VAC 3Ph	
Revision: A1.00	Pg Desc: Terminal Lineup Diagram
Mounting Location: +DOC	Type: Terminal line-up diagram
Prev. pg: D2	Page: D3
Next pg: E1	Total Pgs: 15

Cable Overview

Cable Designation	Cable Part Number	Cable Description	Cable X-Ref
W1	127301	Cable Assy, PC200EB Blade Motor	+L1/1.106
W2	127304	Cable Assy, PC200 Feed Motor	+L1/1.115
W3	127309	Cable Assy, PC200 Remote E-Stop	+L1/2.203

		Wood-Mizer®	
Project Description: PC200EB Trim Saw, 240VAC 3Ph			
Revision: A1.00		Pg Desc: Cable Overview	
Mounting Location: +DOC		Type: Cable overview	
Prev. pg: D3	Page: E1	Next pg:	Total Pgs: 15


PC200C10 460v 3ph 10hp

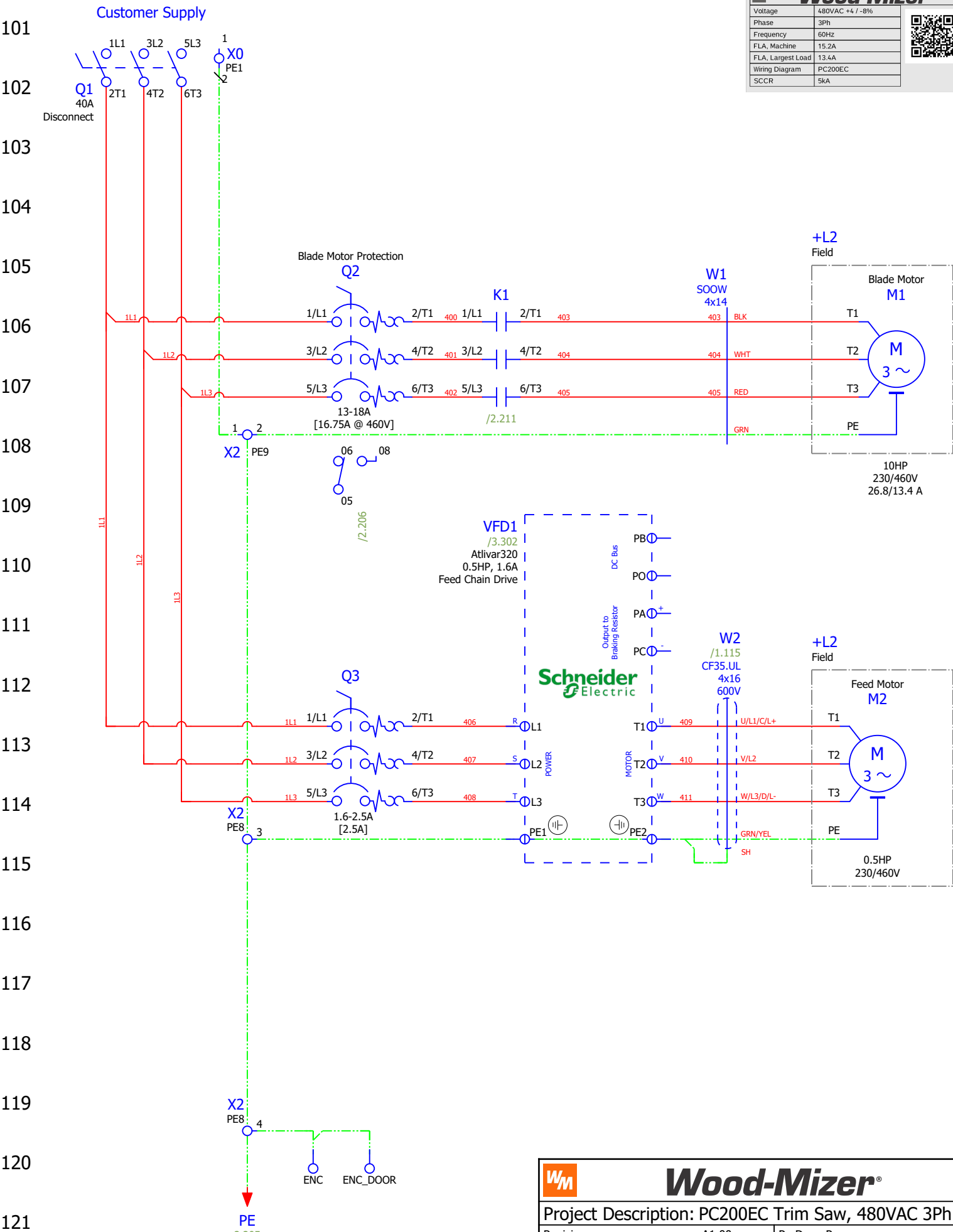
Rev. A1.00

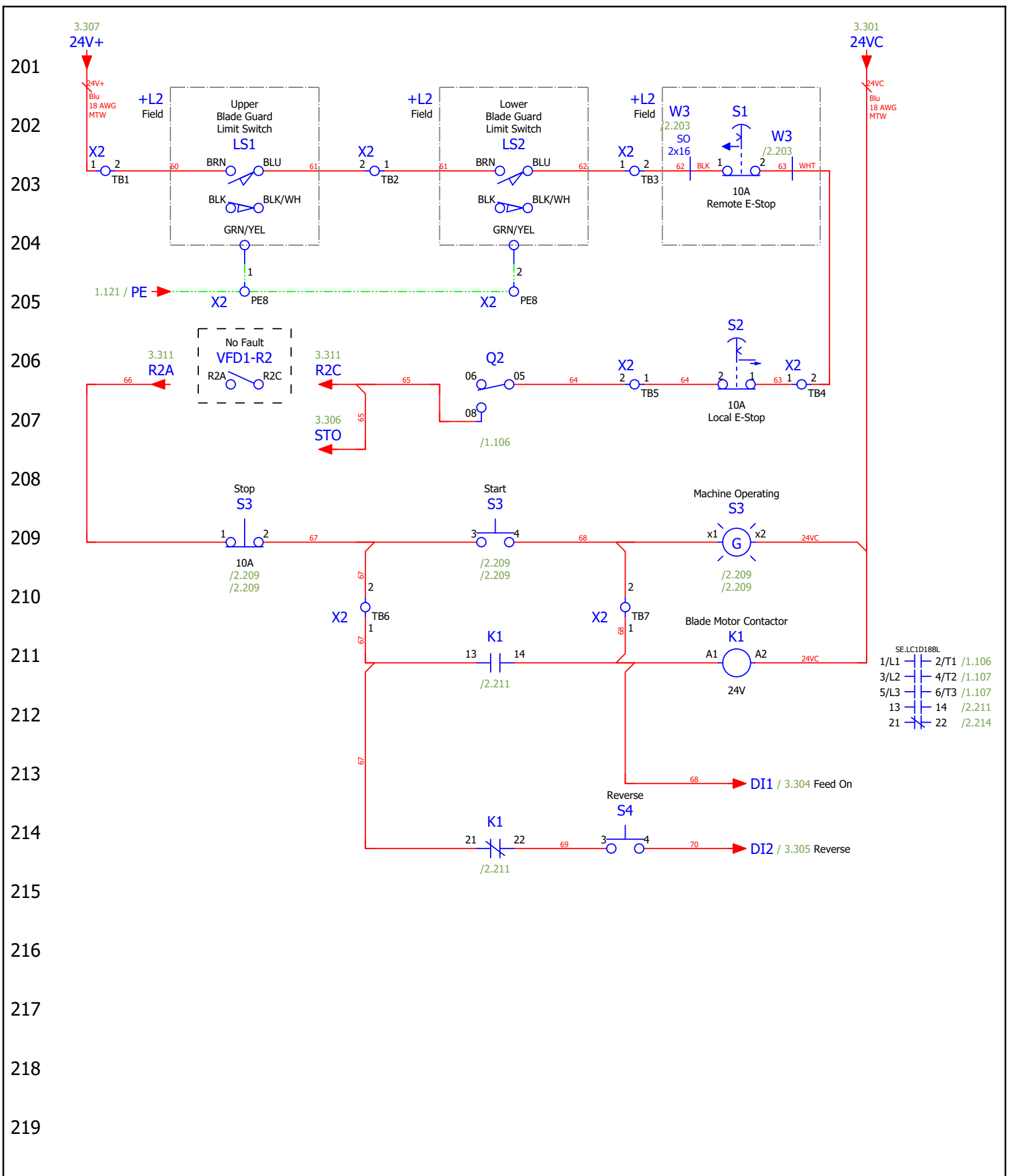
ELECTRICAL INFORMATION

Revision History

Date	Revision	Revision Record	Drawn By	Checked By
06/24/19	A1.00	Initial Release	SDC	TEM

		Wood-Mizer®	
Project Description: PC200EC Trim Saw, 480VAC 3Ph			
Revision: A1.00		Pg Desc: Revision History	
Mounting Location: +		Type: Overview	
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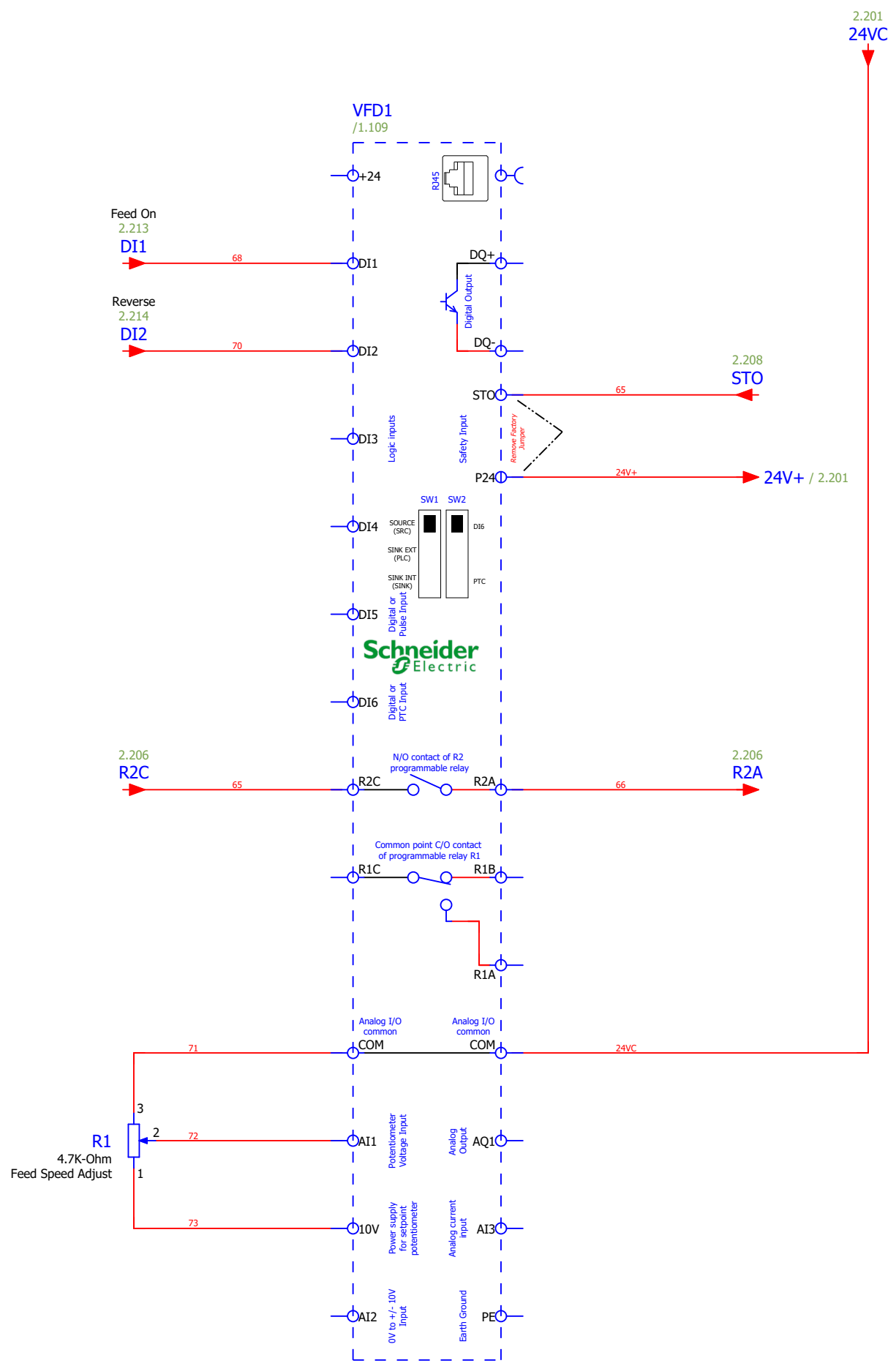




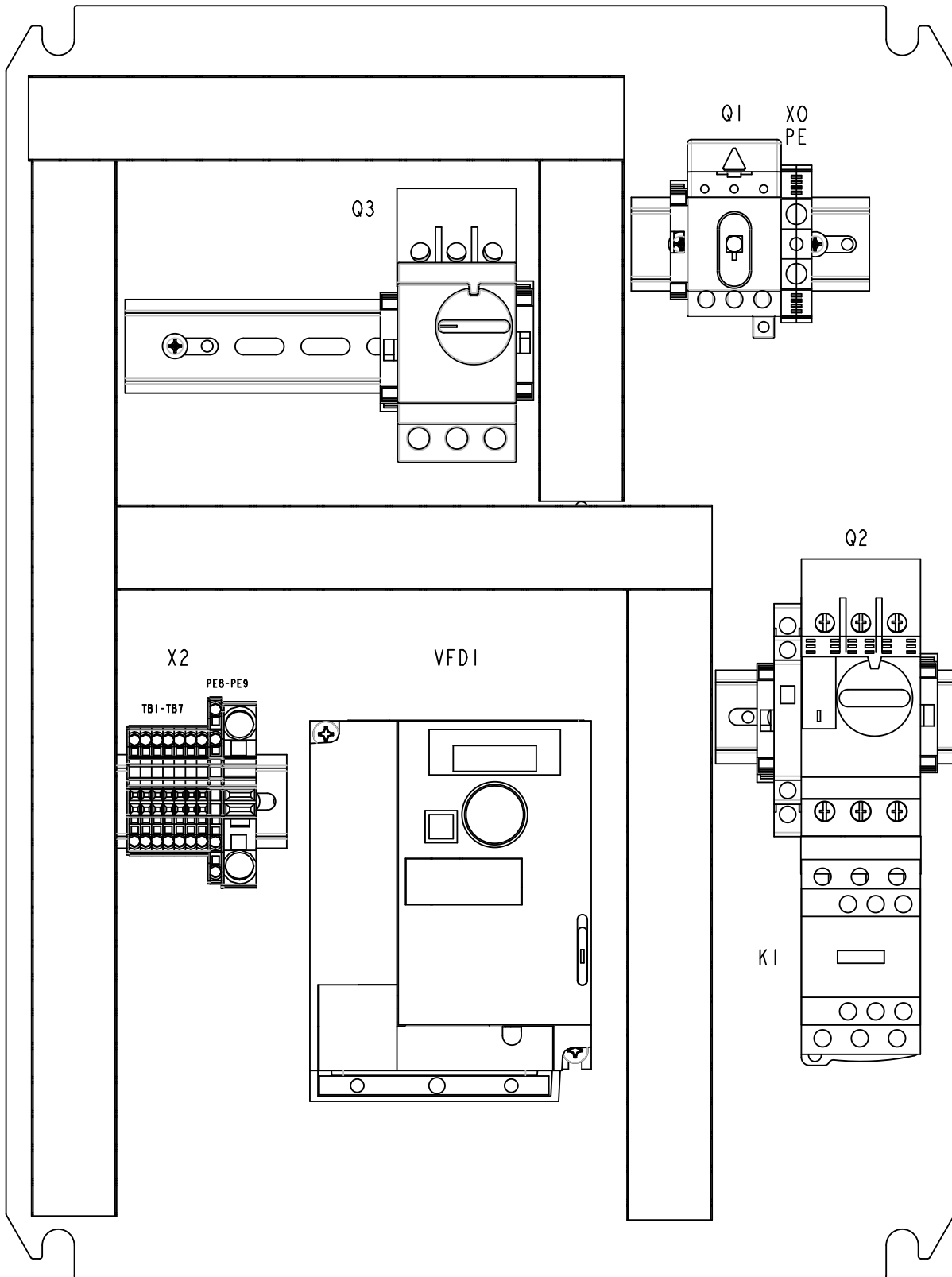
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3/L2	4/T2	/1.107
5/L3	6/T3	/1.107
13	14	/2.211
21	22	/2.214

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Wood-Mizer®			
Project Description: PC200EC Trim Saw, 480VAC 3Ph			
Revision:	A1.00	Pg Desc: VFD Control	
Mounting Location:	+L1	Type: Schematic multi-line	
Prev. pg:	2	Page:	3
		Next pg:	4
		Total Pgs:	14



Wood-Mizer®

Project Description: PC200EC Trim Saw, 480VAC 3Ph

Revision: A1.00

Pg Desc: 121023 Front

Mounting Location: +L1

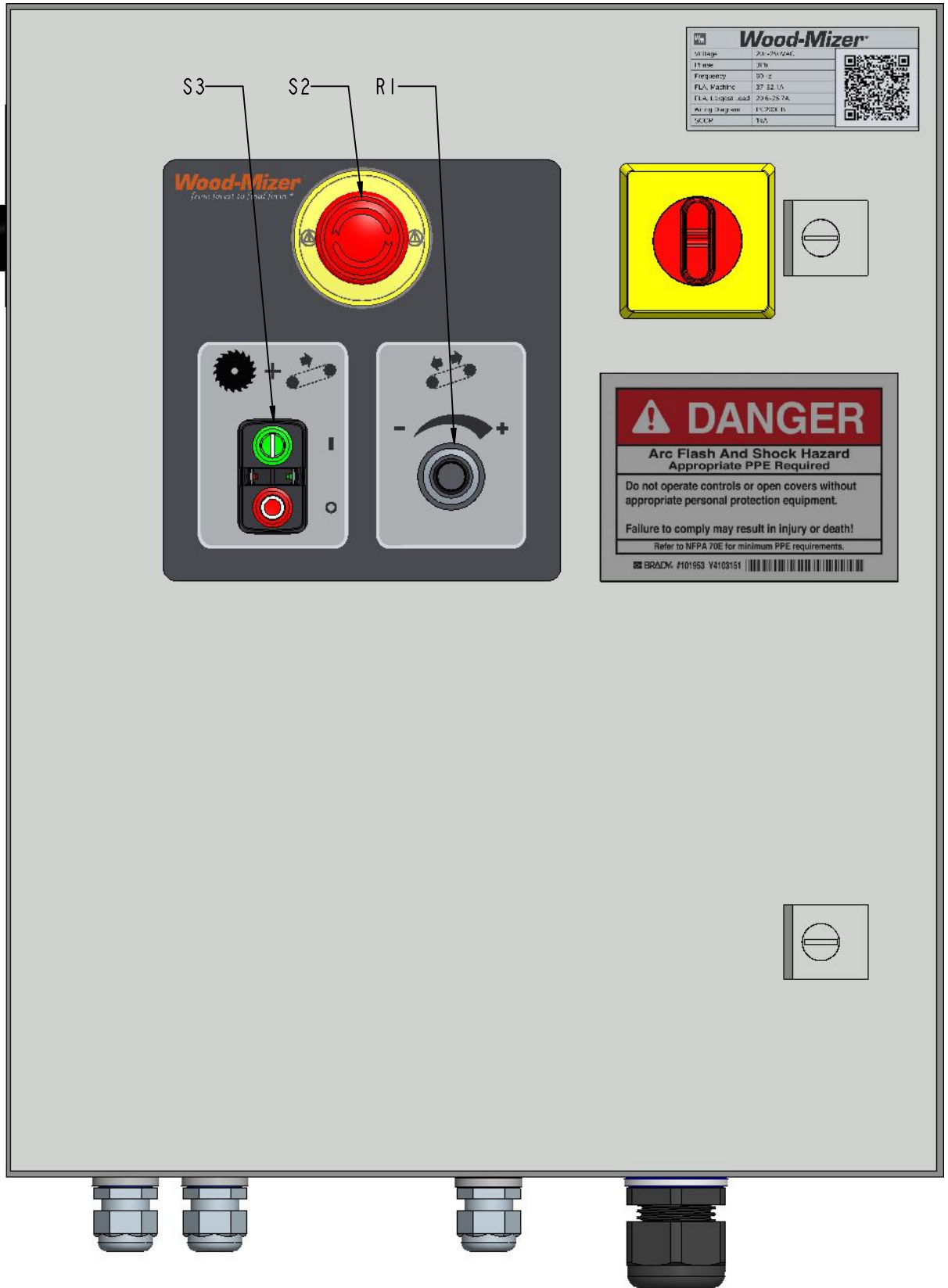
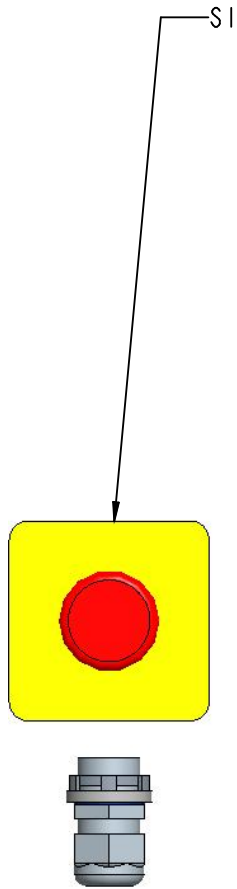
Type: Panel layout

Prev. pg: 3

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Next pg: 5

Total Pgs: 14



Wood-Mizer®	
Model	231-250 (2021)
Phase	3Ph
Frequency	60 Hz
FLA, Kwh/yr	37.12.15
FLA, Logistical	23.6-25.74
Wiring Diagram	PC200-3
SCCP	165

⚠ DANGER

Arc Flash And Shock Hazard
Appropriate PPE Required

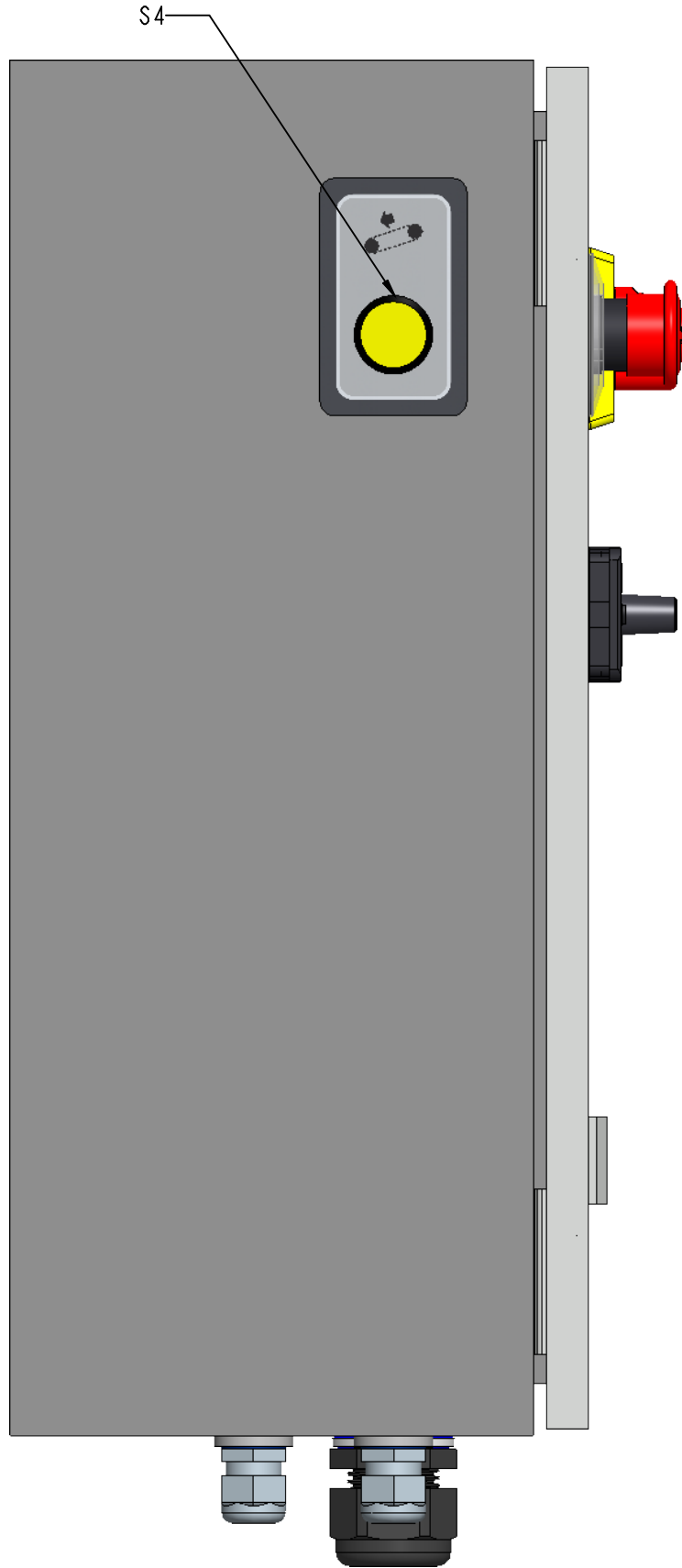
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BRADY #101953 Y4103151

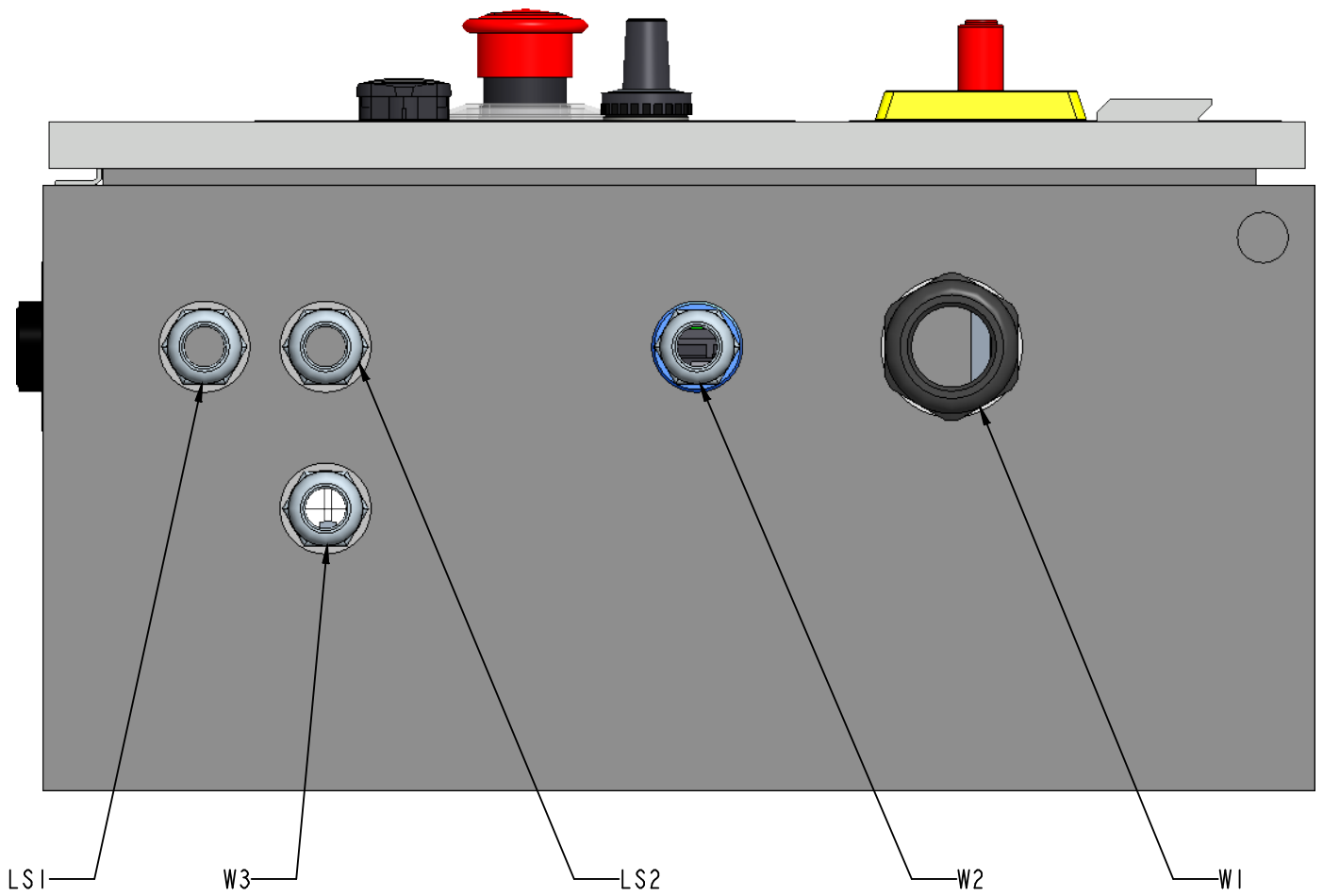
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Project Description: PC200EC Trim Saw, 480VAC 3Ph			
Revision:	A1.00	Pg Desc: 121022 Front	
Mounting Location:	+L1	Type: Panel layout	
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		Next pg:	6
		Total Pgs:	14



Wood-Mizer®

Project Description: PC200EC Trim Saw, 480VAC 3Ph

Revision:	A1.00	Pg Desc:	121022 Left
Mounting Location:	+L1	Type:	Panel layout
Prev. pg:	5	Page:	6
		Next pg:	7
		Total Pgs:	14




Wood-Mizer®

Project Description: PC200EC Trim Saw, 480VAC 3Ph

Revision:	A1.00	Pg Desc:	121022 Bottom
Mounting Location:	+L1	Type:	Panel layout
Prev. pg:	6	Page:	7
		Next pg:	+DOC/C1
		Total Pgs:	14


Terminal line-up diagram

Terminal strip +L1-X0								
Terminal				Jumper		End Plate	Remark	Terminal X-Ref
Ref. Des.	Level	P/N	Description	Diagram	P/N	P/N		
PE1		052525	Terminal Block, 2P 14-4AWG Screw GND	.				/1.02

		Wood-Mizer®	
Project Description: PC200EC Trim Saw, 480VAC 3Ph			
Revision: A1.00		Pg Desc: Terminal Lineup Diagram	
Mounting Location: +DOC		Type: Terminal line-up diagram	
Prev. pg: C2	Page: D1	Next pg: D2	Total Pgs: 14


Terminal line-up diagram

Terminal strip +L1-X2								
Terminal				Jumper		End Plate	Remark	Terminal X-Ref
Ref. Des.	Level	P/N	Description	Diagram	P/N	P/N		
TB1		068100	Terminal Block, 2Pos 1.5mm Clamp	•				/2.03
TB2		068100	Terminal Block, 2Pos 1.5mm Clamp	•				/2.03
TB3		068100	Terminal Block, 2Pos 1.5mm Clamp	•				/2.03
TB4		068100	Terminal Block, 2Pos 1.5mm Clamp	•				/2.06
TB5		068100	Terminal Block, 2Pos 1.5mm Clamp	•				/2.06
TB6		068100	Terminal Block, 2Pos 1.5mm Clamp	•				/2.10
TB7		068100	Terminal Block, 2Pos 1.5mm Clamp	•		068102		/2.10
PE8		068104	Terminal Block, 4Pos 1.5mm GND Clamp	•		068105		/2.05
PE9		068111	Terminal Block, 2 Pos 16mm GND Clamp	•		068112		/1.08

 Wood-Mizer®	
Project Description: PC200EC Trim Saw, 480VAC 3Ph	
Revision: A1.00	Pg Desc: Terminal Lineup Diagram
Mounting Location: +DOC	Type: Terminal line-up diagram
Prev. pg: D1	Page: D2
Next pg: E1	Total Pgs: 14

Cable Overview

Cable Designation	Cable Part Number	Cable Description	Cable X-Ref
W1	127305	Cable Assy, PC200EC Blade Motor	+L1/1.106
W2	127304	Cable Assy, PC200 Feed Motor	+L1/1.115
W3	127309	Cable Assy, PC200 E-Stop	+L1/2.203

		Wood-Mizer®	
Project Description: PC200EC Trim Saw, 480VAC 3Ph			
Revision: A1.00		Pg Desc: Cable Overview	
Mounting Location: +DOC		Type: Cable overview	
Prev. pg: D2	Page: E1	Next pg:	Total Pgs: 14