


ELECTRICAL INFORMATION

PC100EB

Rev. A1.00+

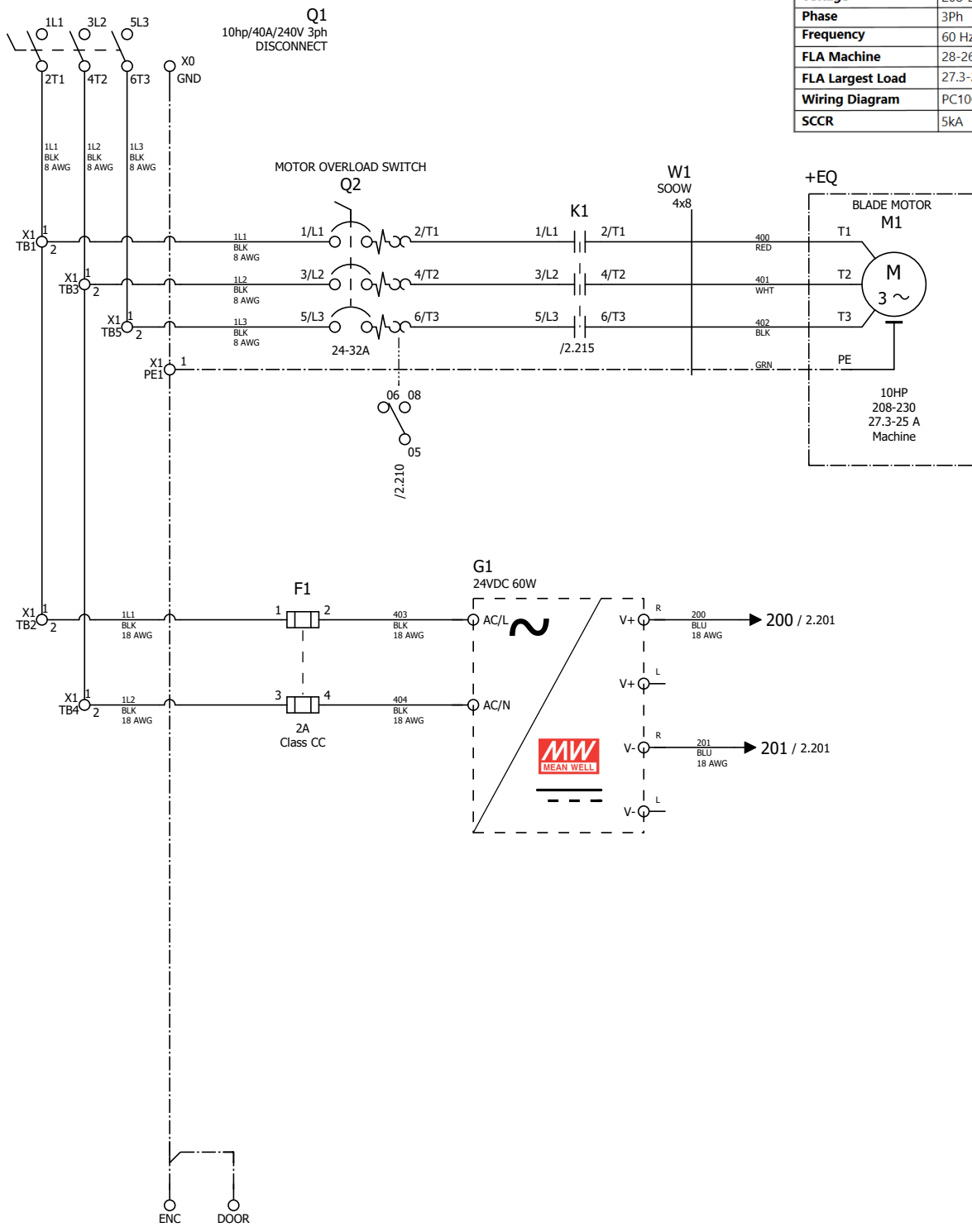
Revision History

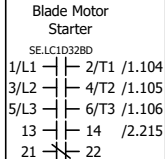
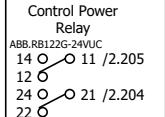
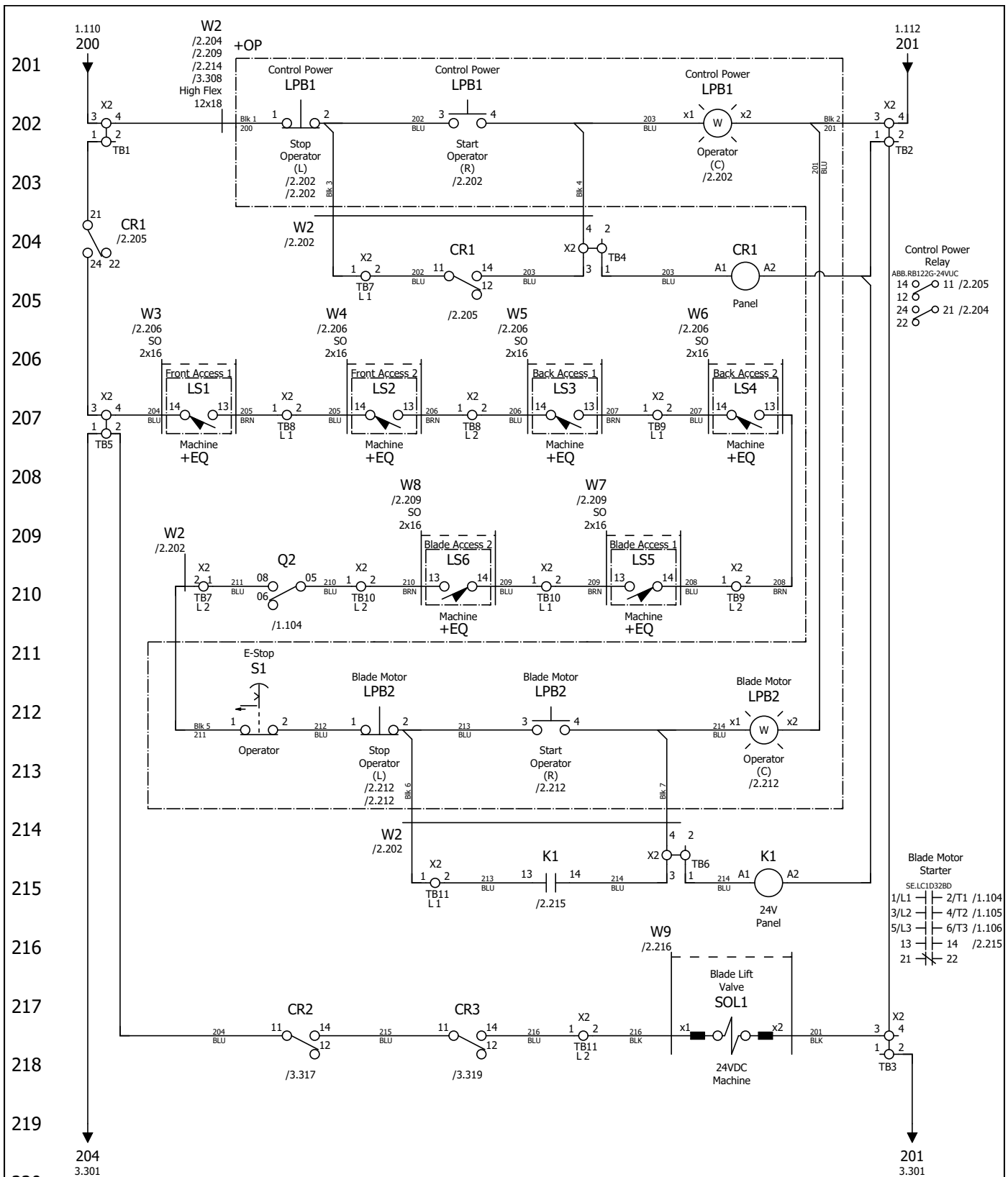
Date	Revision	Revision Record	Drawn By	Checked By
10/19/2021	0	Initial design	LHH	MOC

 Wood-Mizer®			
Project Description: PC100EB			
Revision: 0	Pg Desc: Revision History		
Mounting Location: +	Type: Overview		
Prev. pg: A1	Page: B1	Next pg: +L1/1	Total Pgs: 13

Voltage	208-230 VAC
Phase	3Ph
Frequency	60 Hz
FLA Machine	28-26A
FLA Largest Load	27.3-25A
Wiring Diagram	PC100EB
SCCR	5kA

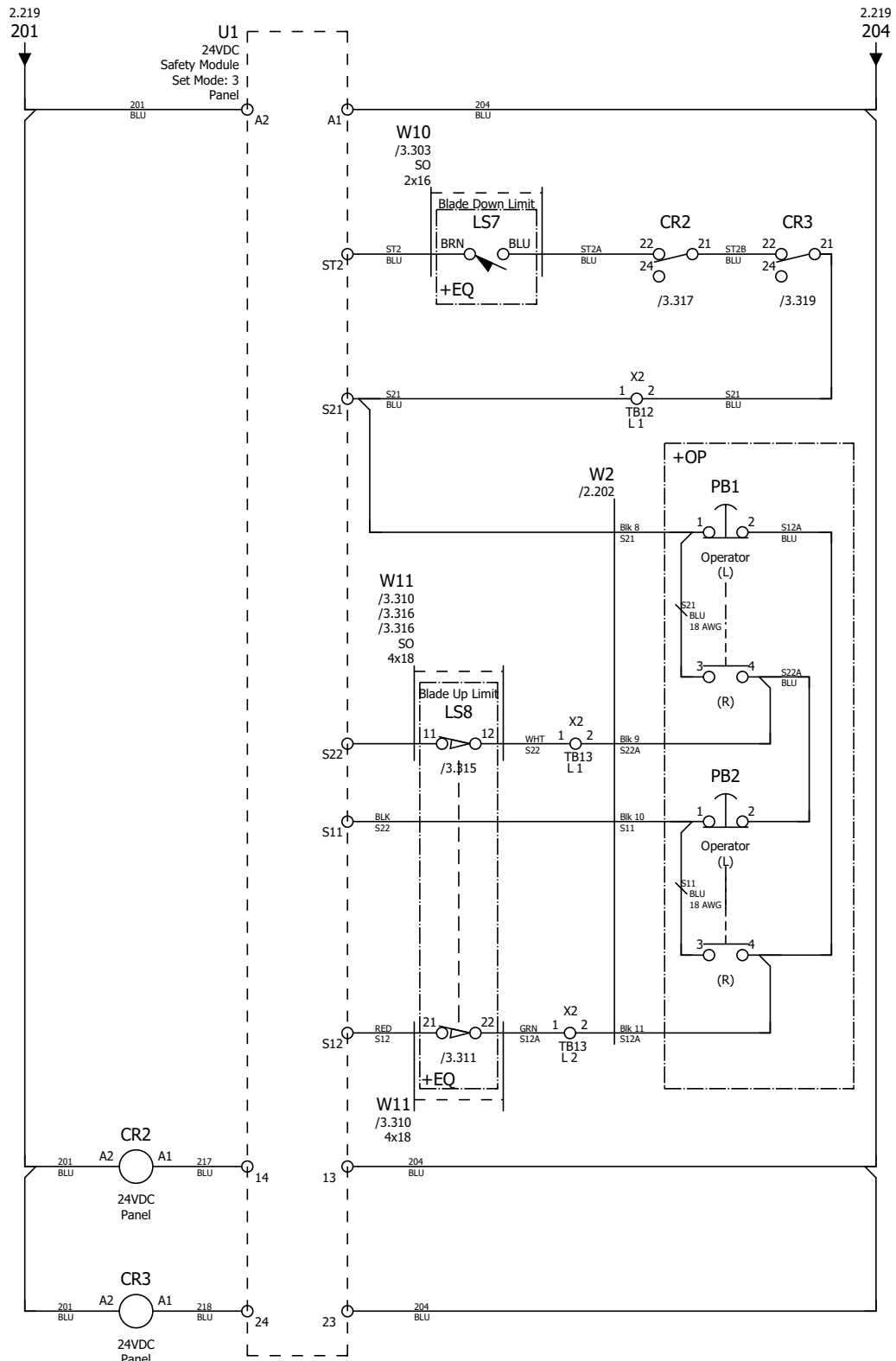
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Project Description: PC100EB			
Revision:	0	Pg Desc:	Controls
Mounting Location:	+L1	Type:	Schematic multi-line
Prev. pg:	1	Page:	2
		Next pg:	3
		Total Pgs:	13

301
302
303
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321



Two Hand
Relay 1
ABB.RB122G-24VUC
14 ○ 11 /2.218
12 ○ 21 /3.304
22 ○


Two Hand
Relay 2
ABB.RB122G-24VUC
14 ○ 11 /2.218
12 ○ 21 /3.304
22 ○

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Project Description: PC100EB			
Revision:	0	Pg Desc: Controls	
Mounting Location:	+L1	Type: Schematic multi-line	
Prev. pg:	2	Page:	3
		Next pg:	+DOC/C1
		Total Pgs:	13

Terminal line-up diagram

Wood-Mizer_Terminal_Lineup_Diagram


Terminal strip +L1-X1								
Terminal				Jumper		End Plate	Remark	Terminal X-Ref
Ref. Des.	Level	P/N	Description	Diagram	P/N	P/N		
TB1		121007	Terminal Block, 2Pos 16mm Orange	●	121013			/1.04
TB2		121007	Terminal Block, 2Pos 16mm Orange	●		121008		/1.10
TB3		121007	Terminal Block, 2Pos 16mm Orange	●	121013			/1.05
TB4		121007	Terminal Block, 2Pos 16mm Orange	●		121008		/1.11
TB5		121007	Terminal Block, 2Pos 16mm Orange	·	121013			/1.06
PE1				·				/1.06

		Wood-Mizer®	
Project Description: PC100EB			
Revision:	0	Pg Desc: Terminal Lineup Diagram	
Mounting Location: +DOC		Type: Terminal line-up diagram	
Prev. pg:	C3	Page:	D1
Next pg:	D2	Total Pgs:	13

Terminal line-up diagram

Wood-Mizer_Terminal_Lineup_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		068103	Terminal Block, 4Pos 1.5mm Com Clamp	┆		068105		/2.02
TB2		068103	Terminal Block, 4Pos 1.5mm Com Clamp	●	068113			/2.02
TB3		068103	Terminal Block, 4Pos 1.5mm Com Clamp	●				/2.18
TB4		068103	Terminal Block, 4Pos 1.5mm Com Clamp	┆				/2.04
TB5		068103	Terminal Block, 4Pos 1.5mm Com Clamp	┆				/2.07
TB6		068103	Terminal Block, 4Pos 1.5mm Com Clamp	┆				/2.14
TB7	1	068119	Terminal Block, 2 Tier 2.5mm Clamp	┆				/2.05
TB7	2			┆				/2.10
TB8	1	068119	Terminal Block, 2 Tier 2.5mm Clamp	┆				/2.07
TB8	2			┆				/2.07
TB9	1	068119	Terminal Block, 2 Tier 2.5mm Clamp	┆				/2.07
TB9	2			┆				/2.10
TB10	1	068119	Terminal Block, 2 Tier 2.5mm Clamp	┆				/2.10
TB10	2			┆				/2.10
TB11	2			┆				/2.18
TB12	1	068119	Terminal Block, 2 Tier 2.5mm Clamp	┆				/3.06
	2			┆				
TB13	1	068119	Terminal Block, 2 Tier 2.5mm Clamp	┆				/3.11
TB13	2			┆				/3.15
TB11	1	068119	Terminal Block, 2 Tier 2.5mm Clamp	┆				/2.15
	2			┆				

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Project Description: PC100EB			
Revision:	0	Pg Desc: Terminal Lineup Diagram	
Mounting Location: +DOC		Type: Terminal line-up diagram	
Prev. pg:	D1	Page:	D2
Next pg:	E1	Total Pgs:	13

Cable Overview

Wood-Mizer_Cable_Overview

Cable Designation	Cable Part Number	Cable Description	Cable X-Ref
W1	121150	Motor Cable	+L1/1.104
W2	121152	Operator Cable	+L1/2.202
W3	121153	Front Panel Cable 1	+L1/2.206
W4	121211	Front Panel Cable 2	+L1/2.206
W5	121154	Back Panel Cable 1	+L1/2.206
W6	121212	Back Panel Cable 2	+L1/2.206
W7	121155	Blade Panel Cable 1	+L1/2.209
W8	121156	Blade Panel Cable 2	+L1/2.209
W9	121157	SOL1 Cable	+L1/2.216
W10	121156	Blade Panel Cable 2	+L1/3.303
W11	121159	Up Limit Cable	+L1/3.310

		Wood-Mizer®	
Project Description: PC100EB			
Revision:	0	Pg Desc: Cable Overview	
Mounting Location: +DOC		Type: Cable overview	
Prev. pg:	D2	Page:	E1
Next pg:	F1	Total Pgs:	13

⚠ DANGER

**Arc Flash And Shock Hazard
Appropriate PPE Required**

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

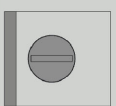
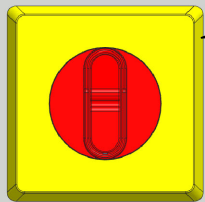
Failure to comply may result in injury or death!

Refer to NFPA 70E for minimum PPE requirements.

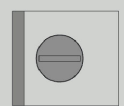
BRADY #101953 Y4103151



Wood-Mizer	
Voltage	208-230 VAC
Phase	3Ph
Frequency	60 Hz
FLA Machine	28-26A
FLA Largest Load	27.3-25A
Wiring Diagram	PC100EB
SCCR	5KA




Q1

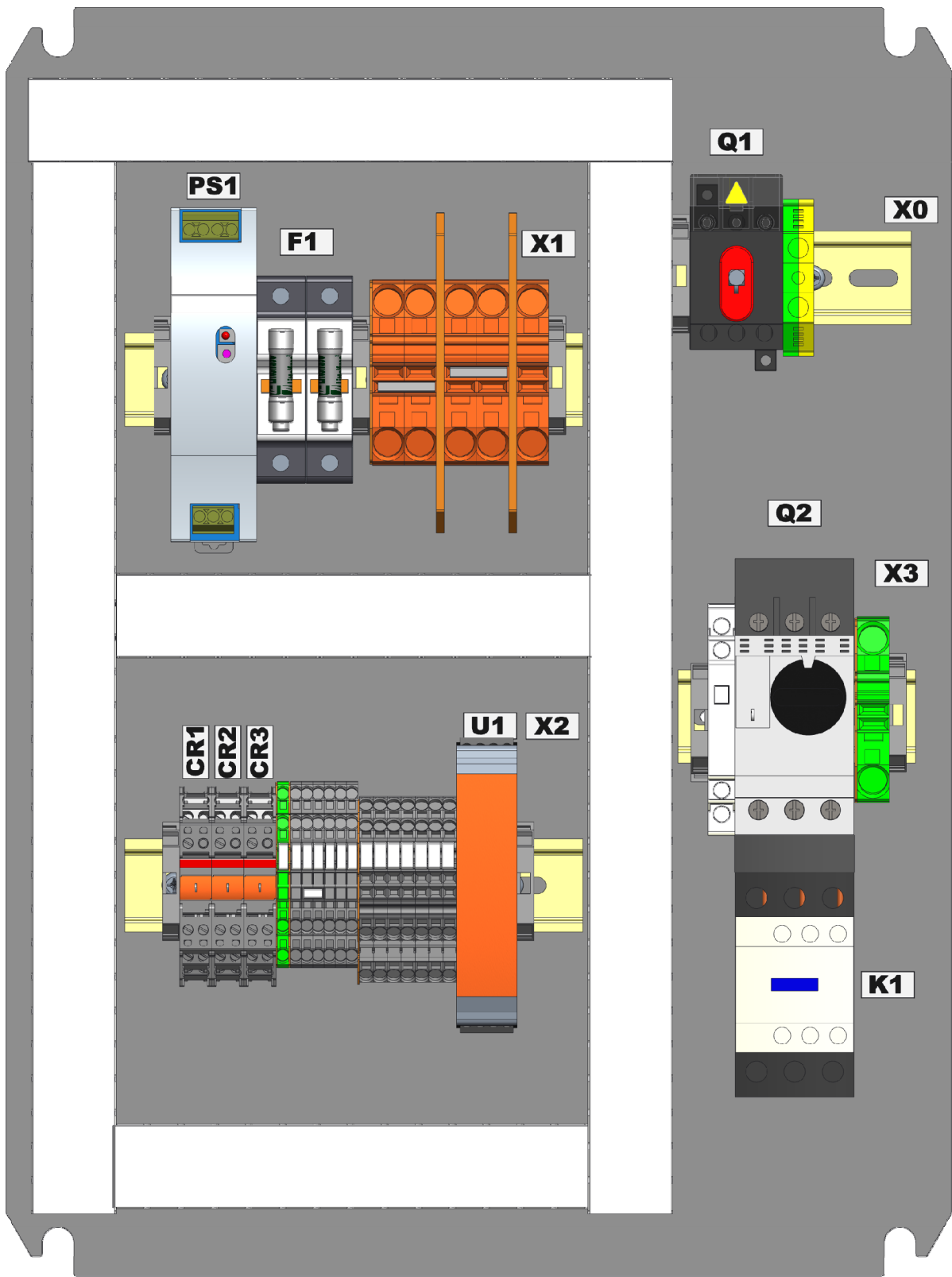


W1

W2 - W11

SCALE 0.400

		Wood-Mizer®	
Project Description: PC100EB			
Revision:	0	Pg Desc: Enclosure	
Mounting Location: +DOC		Type: Graphic	
Prev. pg:	E1	Page:	F1
Next pg:		F2	Total Pgs: 13



SCALE 0.500



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Project Description: PC100EB			
Revision:	0	Pg Desc: Panel	
Mounting Location:	+DOC	Type: Graphic	
Prev. pg:	F1	Page:	F2
		Next pg:	Total Pgs: 13