

ELECTRICAL INFORMATION

PC100EA

Rev. A1.00+

Revision History

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




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Project Description: PC100EA

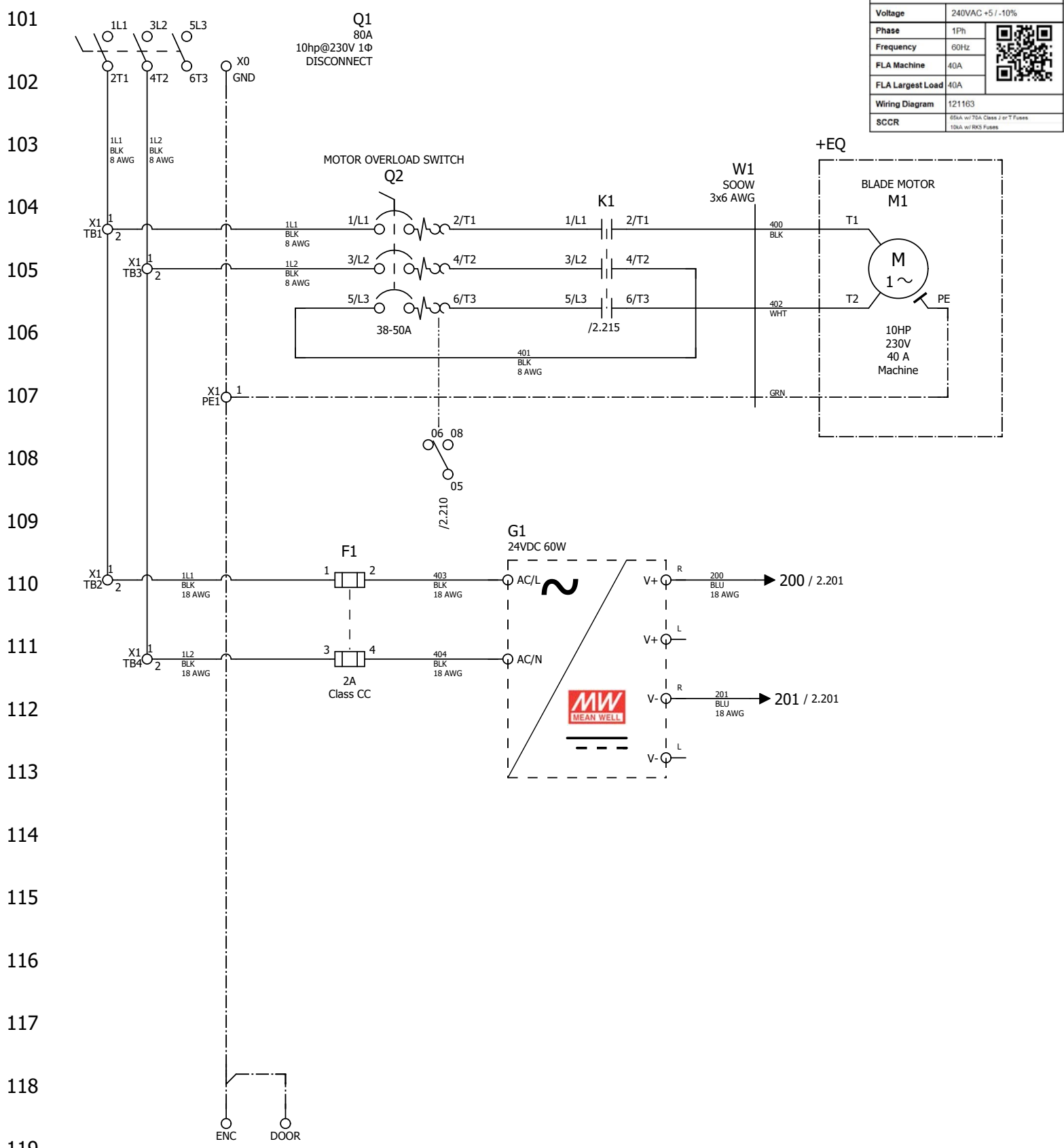
Revision: 0 Pg Desc: Revision History

Mounting Location: + Type: Overview


Prev. pg: A1 Page: B1 Next pg: +L1/1 Total Pgs: 13



Voltage	240VAC +5/-10%	
Phase	1Ph	
Frequency	60Hz	
FLA Machine	40A	
FLA Largest Load	40A	
Wiring Diagram	121163	
SCCR	65kA, w/ 75A Class J or T Fuses 10kA, w/ RK5 Fuses	



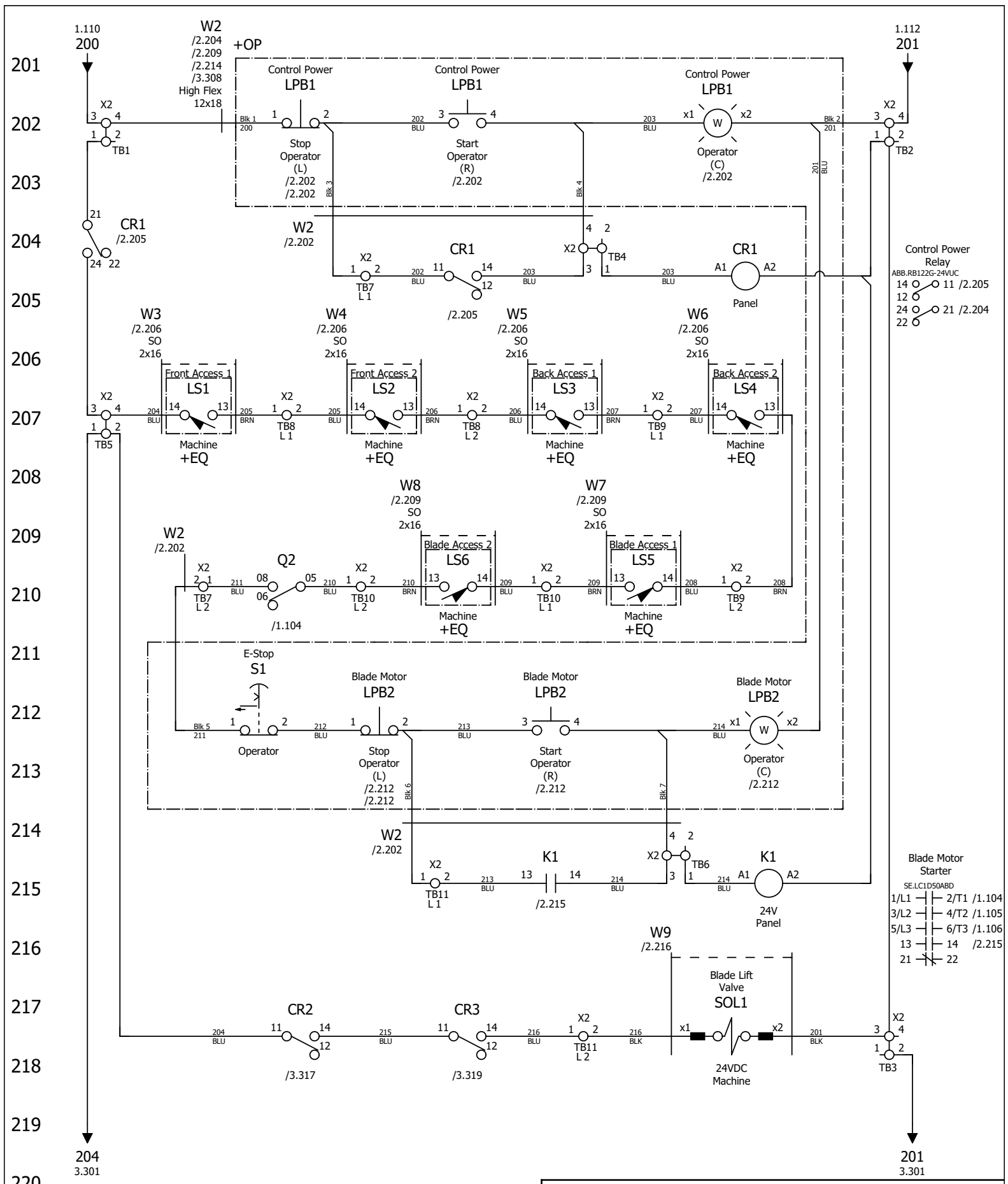
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Project Description: PC100EA

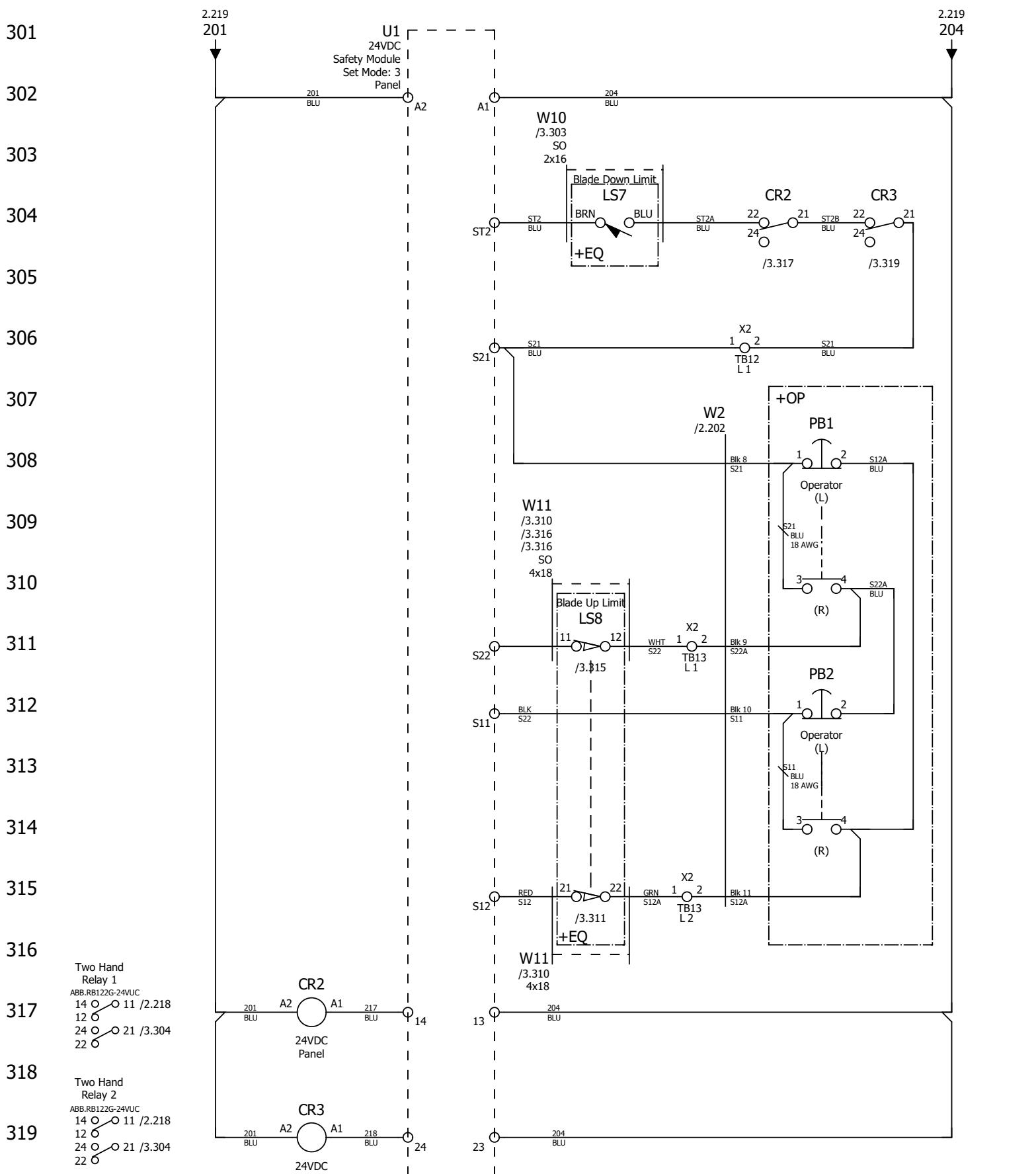
Revision:	0	Pg Desc: Power
Mounting Location: +L1		Type: Schematic multi-line
Prev. pg: +/B1	Page: 1	Next pg: 2
		Total Pgs: 13



Control Power
Relay
ABB.RB122G-24VUC
14 ○ 11 /2.205
12 ○
24 ○ 21 /2.204
22 ○

Blade Motor
Starter
SEL.C1D50ABD
1/L1 | 2/T1 /1.104
3/L2 | 4/T2 /1.105
5/L3 | 6/T3 /1.106
13 | 14 /2.215
21 | 22


Project Description: PC100EA			
Revision:	0	Pg Desc: Controls	
Mounting Location:	+L1	Type: Schematic multi-line	
Prev. pg:	1	Page:	2
		Next pg:	3
		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	0	121007	Terminal Block, 2Pos 16mm Orange	●	121013			/1.04
TB2	0	121007	Terminal Block, 2Pos 16mm Orange	●		121008		/1.10
TB3	0	121007	Terminal Block, 2Pos 16mm Orange	●	121013			/1.05
TB4	0	121007	Terminal Block, 2Pos 16mm Orange	●		121008		/1.11
PE1	0							/1.07

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Project Description: PC100EA			
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

Terminal strip +L1-X2

Terminal				Jumper		End Plate	Remark	Terminal X-Ref
Ref. Des.	Level	P/N	Description	Diagram	P/N	P/N		
TB1	0	068103	Terminal Block, 4Pos 1.5mm Com Clamp	⋮		068105		/2.02
TB2	0	068103	Terminal Block, 4Pos 1.5mm Com Clamp	⋮	068113			/2.02
TB3	0	068103	Terminal Block, 4Pos 1.5mm Com Clamp	⋮				/2.18
TB4	0	068103	Terminal Block, 4Pos 1.5mm Com Clamp	⋮				/2.04
TB5	0	068103	Terminal Block, 4Pos 1.5mm Com Clamp	⋮				/2.07
TB6	0	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	1	068119	Terminal Block, 2 Tier 2.5mm Clamp	⋮				/2.15
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



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Project Description: PC100EA

Revision: 0 Pg Desc: Terminal Lineup Diagram

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

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Cable Overview

Wood-Mizer_Cable_Overview

Cable Designation	Cable Part Number	Cable Description	Cable X-Ref
W1	121151	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	121158	Blade Panel Cable 2	+L1/3.303
W11	121159	Up Limit Cable	+L1/3.310



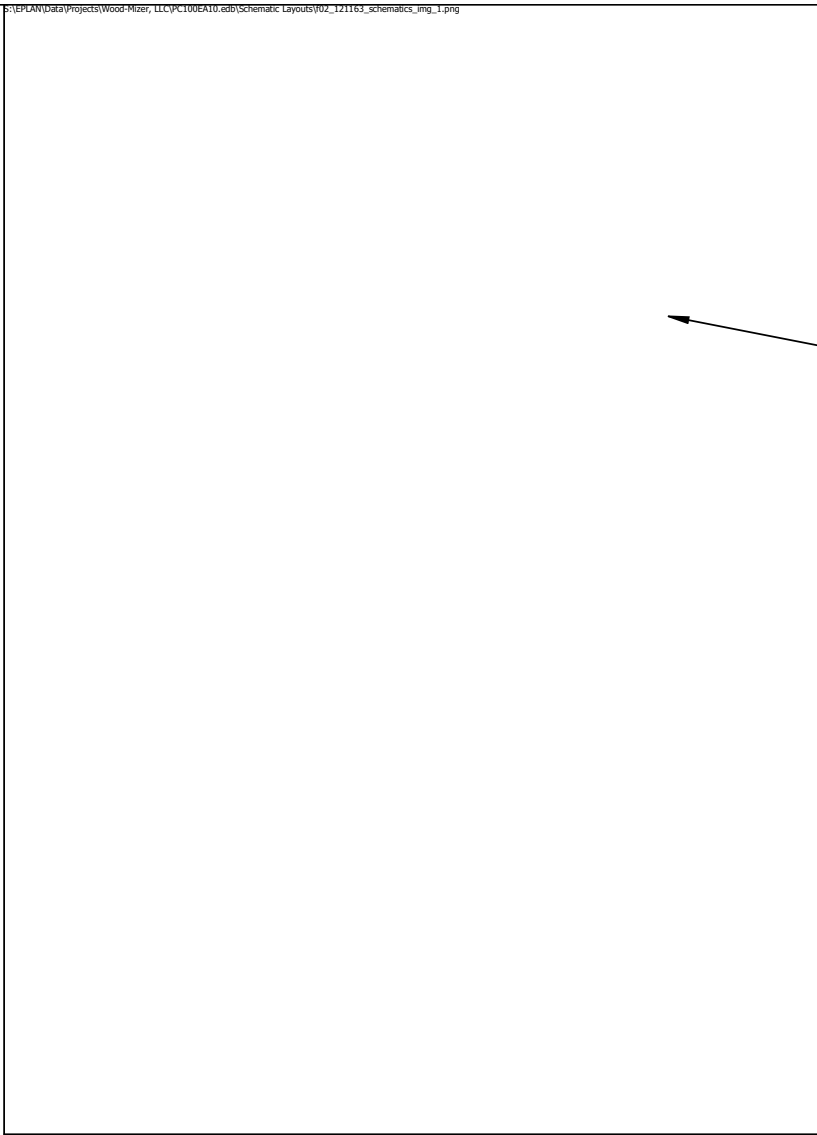
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Project Description: PC100EA

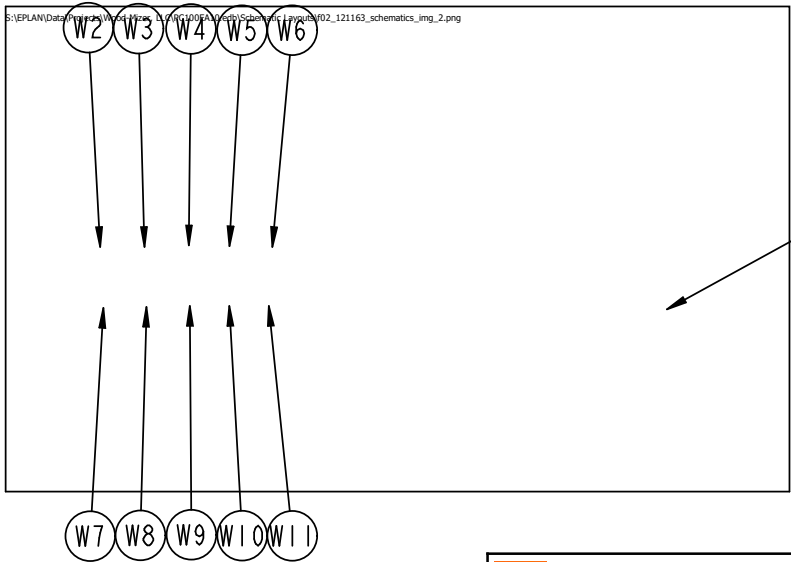
Revision: 0 Pg Desc: Cable Overview


Mounting Location: +DOC Type: Cable overview

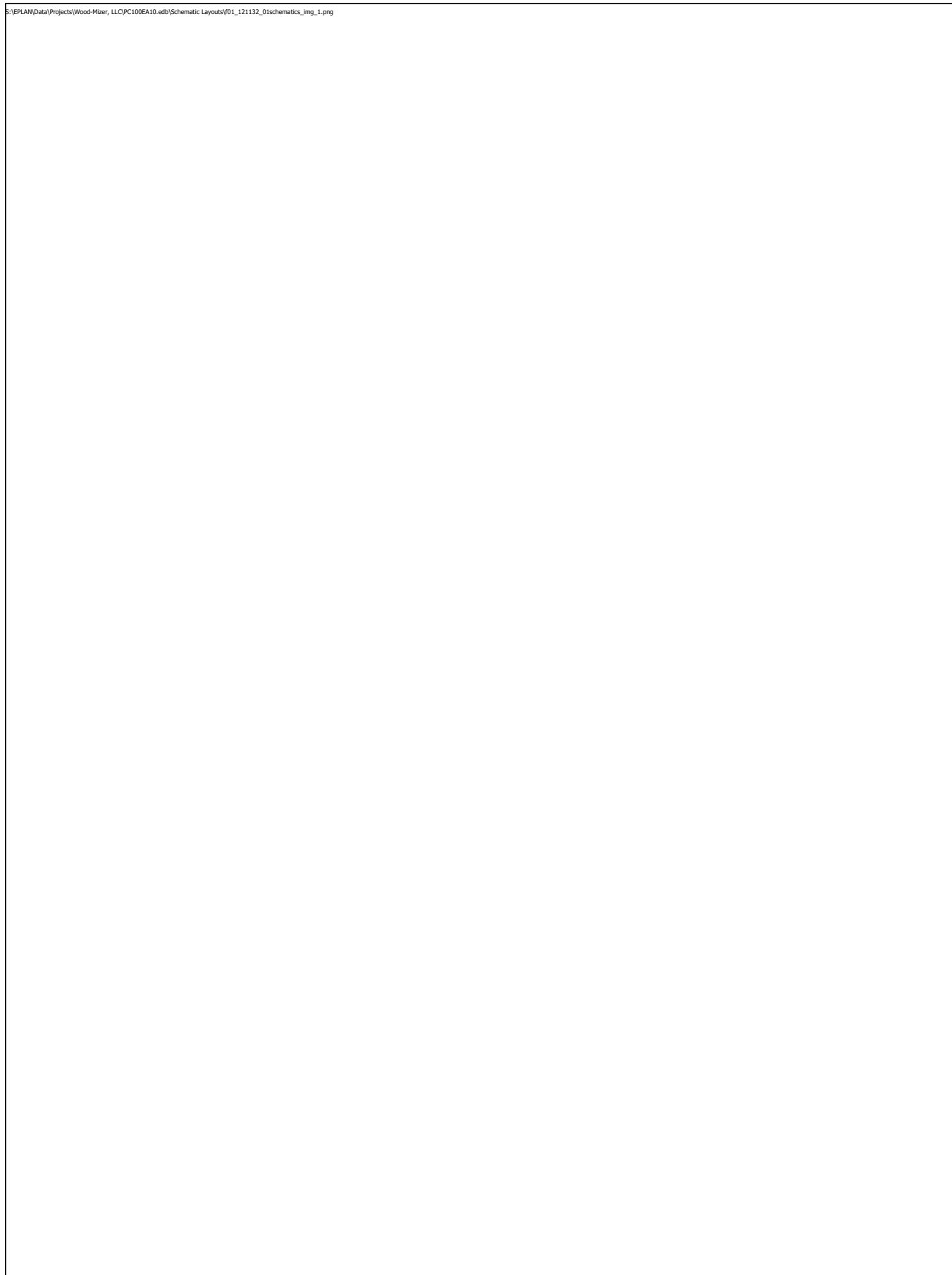
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SCALE 0.250



		Wood-Mizer®	
Project Description: PC100EA			
Revision: 0		Pg Desc: Enclosure	
Mounting Location: +DOC		Type: Graphic	
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SCALE 0.500



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Project Description: PC100EA			
Revision:	0	Pg Desc: Panel	
Mounting Location:	+DOC	Type: Graphic	
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Next pg:		Total Pgs: 13	