

ELECTRICAL INFORMATION

PD200A10 220v 1ph 10hp - rev. A2.00

PD200B10 230v 3ph 10hp - rev. A2.00

PD200C10 460v 3ph 10hp - rev. A2.00

PD200H10 400v 3ph 10hp - rev. A2.00

PD200K10 575v 3ph 10hp - rev. A2.00

PD200A10 230v 1ph 10hp

rev. A2.00

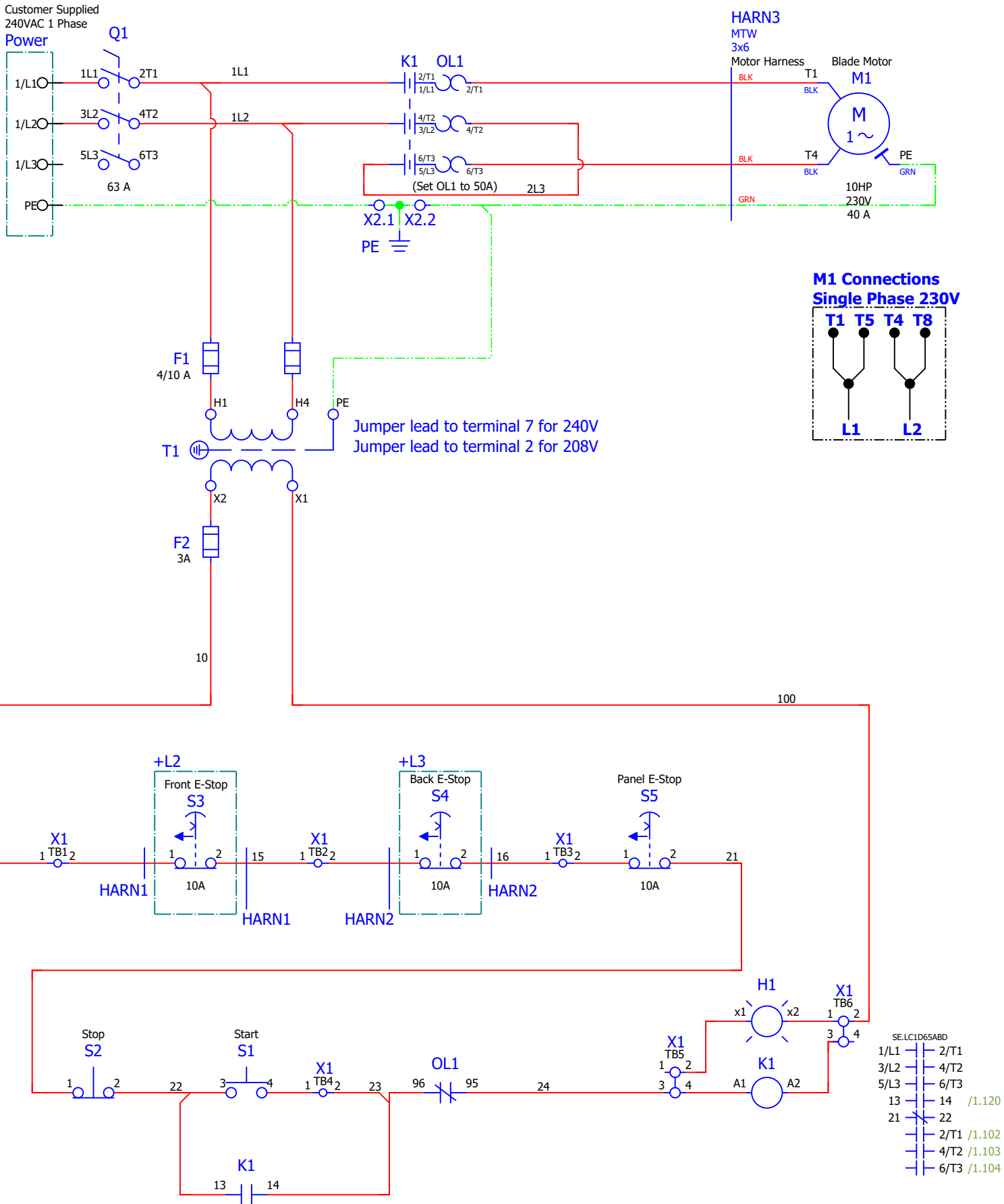
WM_TableOfContents

 Wood-Mizer®	
Project Description: Control, Elec. PD200A10 240VAC 1Ph	
Revision: A2.00+	Pg Desc: Table of Contents
Mounting Location: +	Type: Table of contents
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Revision History

Date	Revision	Revision Record	Drawn By	Checked By
7/11/17	A1.00	Initial Release	JEC	JRF
6/10/2019	A1.01	Modified for in-house production	MAM	
01/16/20	A2.00	New electrical control assemblies.	MAM	

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Wood-Mizer®

Project Description: Control, Elec. PD200A10 240VAC 1Ph

Revision: A2.00+ Pg Desc: Main

Mounting Location: +L1 Type: Schematic multi-line

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WM_PARTS_LIST-Manual

 Wood-Mizer®			
Project Description: Control, Elec. PD200A10 240VAC 1Ph			
Revision: A2.00+	Pg Desc: Parts List		
Mounting Location: +DOC	Type: Parts list		
Prev. pg: +L1/1	Page: C1 <table border="1" data-bbox="1270 2108 1519 2117"> <tr> <td>Next pg: D1</td> <td>Total Pgs: 10</td> </tr> </table>	Next pg: D1	Total Pgs: 10
Next pg: D1	Total Pgs: 10		

Terminal line-up diagram

Terminal strip +L1-X1

Terminal				Jumper		End Plate	Remark	Terminal
Ref. Des.	Level	P/N	Description	Diagram	P/N	P/N		X-Ref
TB1	0	068100	Terminal Block, 2Pos 1.5mm Clamp	⌋				/1.14
TB2	0	068100	Terminal Block, 2Pos 1.5mm Clamp	⌋				/1.14
TB3	0	068100	Terminal Block, 2Pos 1.5mm Clamp	⌋				/1.14
TB4	0	068100	Terminal Block, 2Pos 1.5mm Clamp	⌋				/1.18
TB5	0							/1.18
TB6	0							/1.17

Terminal line-up diagram

Terminal strip +L1-X2.1

Terminal				Jumper		End Plate	Remark	Terminal X-Ref
Ref. Des.	Level	P/N	Description	Diagram	P/N	P/N		
TB1	0	073798	Ground Lug, Single Position w/ Screw	⋮				/1.04
				⋮				

Terminal line-up diagram

Terminal strip +L1-X2.2

Terminal				Jumper		End Plate	Remark	Terminal
Ref. Des.	Level	P/N	Description	Diagram	P/N	P/N		X-Ref
TB1	0	073798	Ground Lug, Single Position w/ Screw	⋮				/1.04
				⋮				



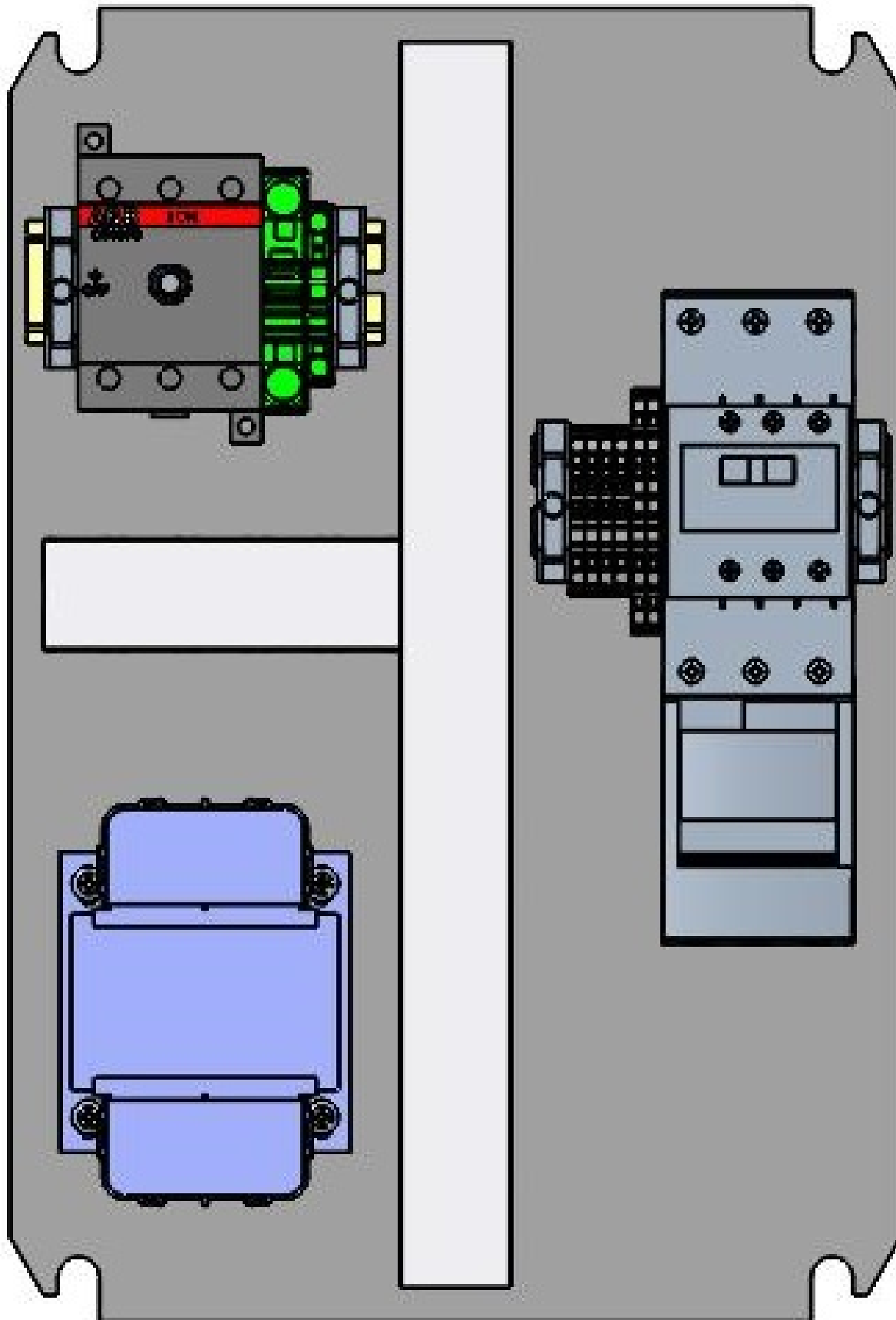
Wood-Mizer®

Project Description: Control, Elec. PD200A10 240VAC 1Ph

Revision: A2.00+		Pg Desc: Terminal Lineup Diagram	
Mounting Location: +DOC		Type: Terminal line-up diagram	
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Cable Overview

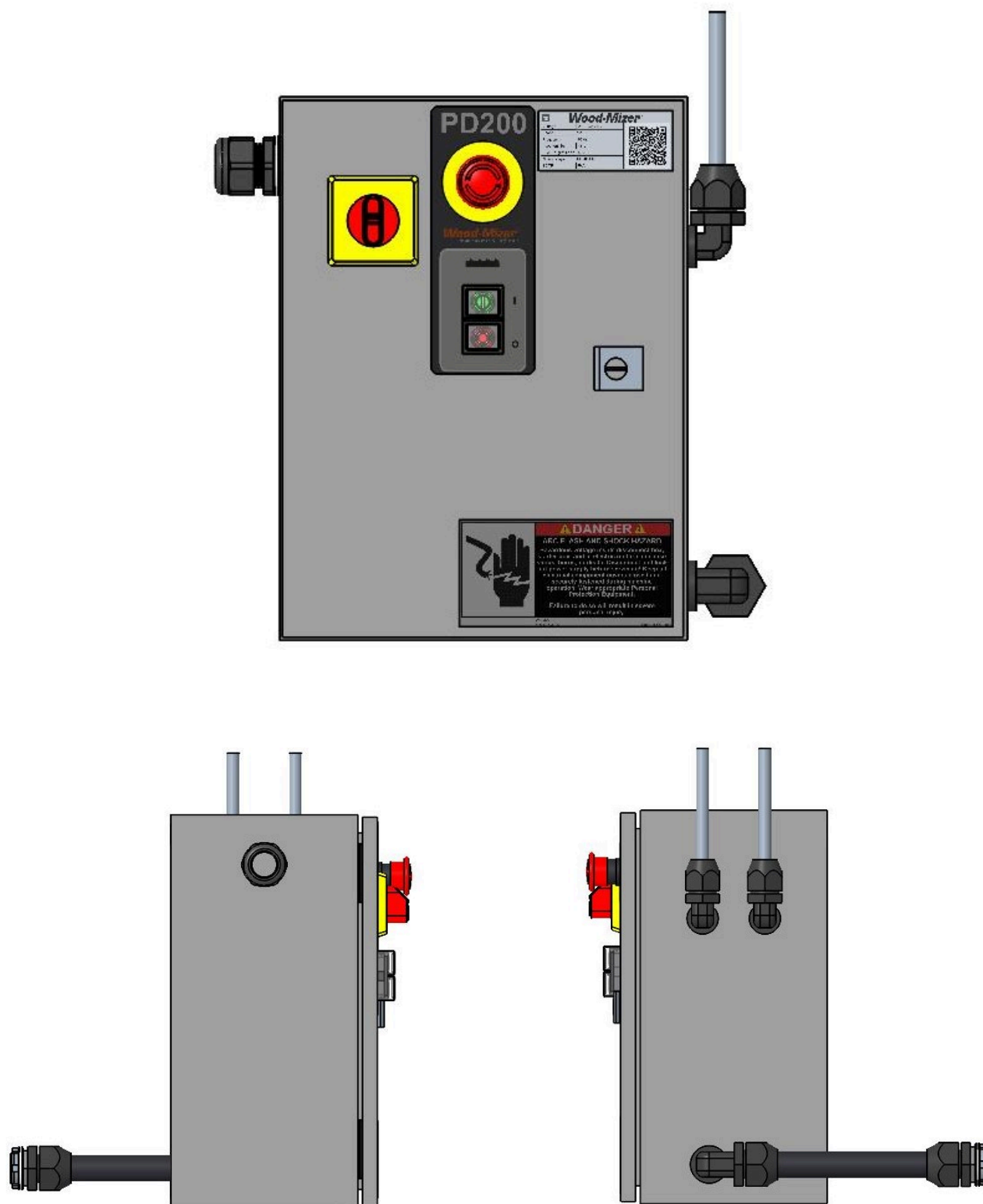
Cable Designation	Cable Part Number	Cable Description	Cable X-Ref
HARN1	114111	Harness Assy, Pallet Hawg Back E-Stop	+L1/1.114
HARN2	114110	Harness Assy, Pallet Hawg Front E-Stop	+L1/1.114
HARN3	114108	Cable Assy, 230V 1Ph Pallet Hawg Motor	+L1/1.102



Wood-Mizer®

Project Description: Control, Elec. PD200A10 240VAC 1Ph

Revision: A2.00+		Pg Desc: Main Control	
Mounting Location: +DOC		Type: Panel layout	
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Wood-Mizer®

Project Description: Control, Elec. PD200A10 240VAC 1Ph

Revision:	A2.00+	Pg Desc: Main Control Layout
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Mounting Location: +DOC	Type: Panel layout
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PD200B10 230v 3ph 10hp

rev. A2.00

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Project Description: Control, Elec. PD200B10 240VAC 3Ph	
Revision: A1.01	Pg Desc: Table of Contents
Mounting Location: +	
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Revision History

Date	Revision	Revision Record	Drawn By	Checked By
7/11/17	A1.00	Initial Release	JEC	JRF
6/10/2019	A1.01	Modified for Batesville production	MAM	

		Wood-Mizer	
Project Description: Control, Elec. PD200B10 240VAC 3Ph			
Revision: A1.01		Pg Desc: Revision History	
Mounting Location: +		Type: Overview	
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WM_PARTS_LIST-Manual

			
Project Description: Control, Elec. PD200B10 240VAC 3Ph			
Revision: A1.01		Pg Desc: Parts List	
Mounting Location: +DOC		Type: Parts list	
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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		068100	Terminal Block, 2Pos Cage Clamp	1				/1.10
TB2		068100	Terminal Block, 2Pos Cage Clamp	1				/1.10
TB3		068100	Terminal Block, 2Pos Cage Clamp	1				/1.09
TB4		068100	Terminal Block, 2Pos Cage Clamp	1				/1.09
TB5		068100	Terminal Block, 2Pos Cage Clamp	1				/1.05
TB6		068100	Terminal Block, 2Pos Cage Clamp	1				/1.05
TB7		068103	Terminal Block, 4Pos Cage Clamp	1				/1.14

Terminal line-up diagram

Wood-Mizer_Terminal_Lineup_Diagram

Terminal strip +L1-X2							
Terminal				Jumper		End Plate	Remark
Ref. Des.	Level	P/N	Description	Diagram	P/N	P/N	
TB1		068125	Terminal Block, 2Pos 16mm GND Clamp SD	I			/1.04

Cable Overview

Wood-Mizer_Cable_Overview

Cable Designation	Cable Part Number	Cable Description	Cable X-Ref
CBL1	114110	Harness Assy, PD200 240/480 VAC 3PH	+L1/1.102
HARN1	073803	Harness Assy, Pallet Hawg Back E-Stop	+L1/1.118
HARN2	073805	Harness Assy, Pallet Hawg Front E-Stop	+L1/1.118



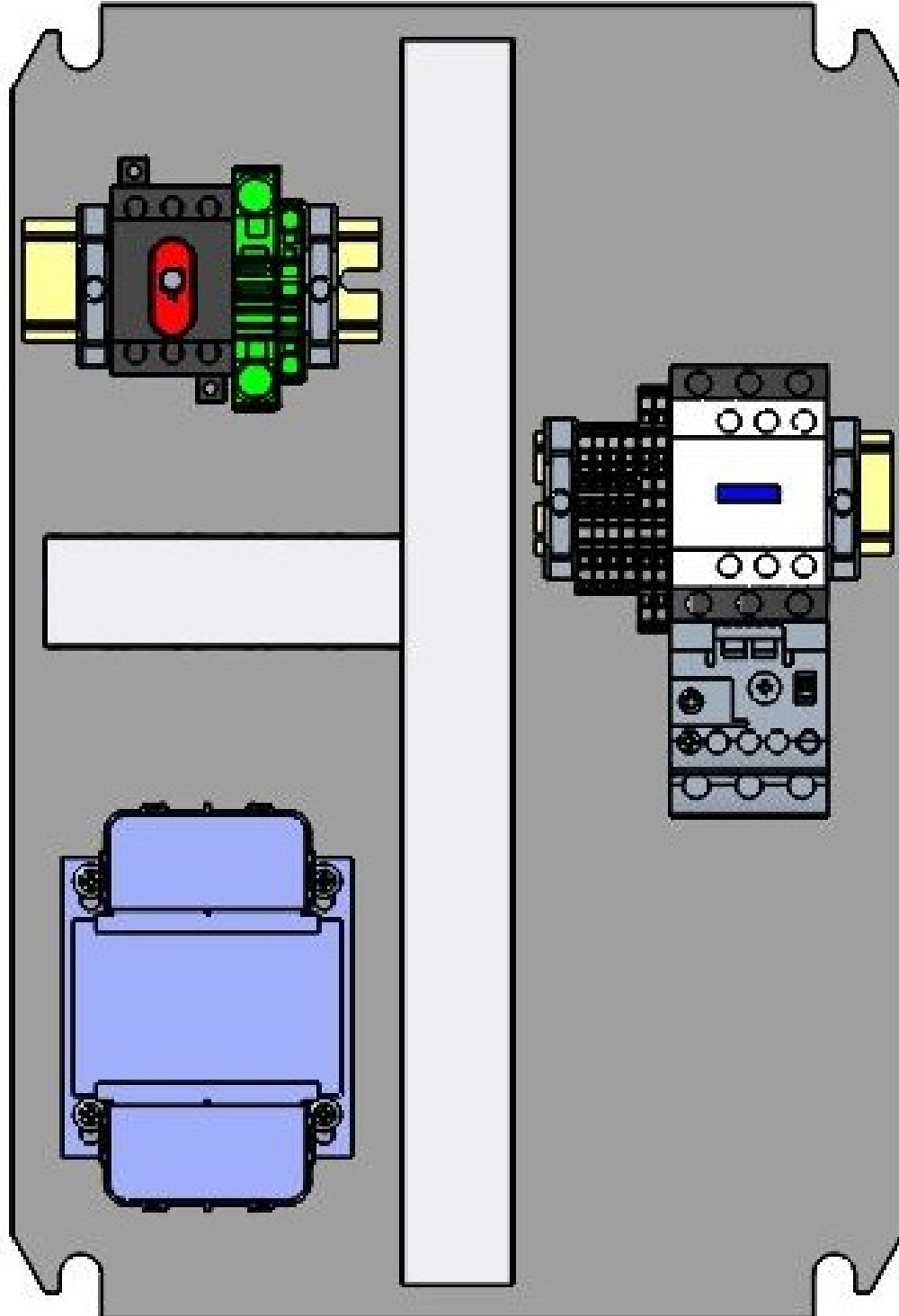
Wood-Mizer

Project Description: Control, Elec. PD200B10 240VAC 3Ph

Revision:	A1.01	Pg Desc: Cable Overview
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Mounting Location: +DOC	Type: Cable overview
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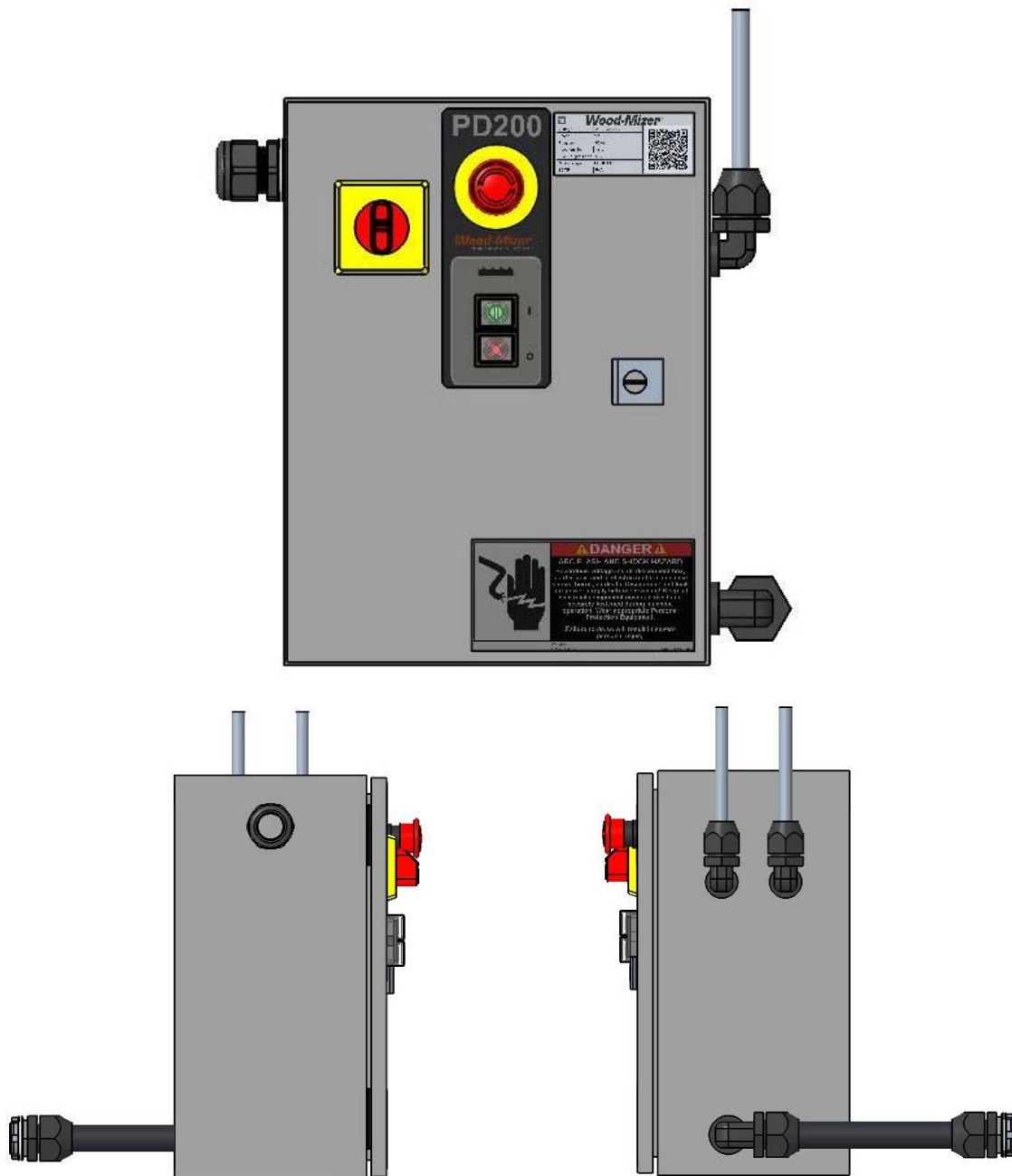
Wood-Mizer

Project Description: Control, Elec. PD200B10 240VAC 3Ph

Revision:	A1.01	Pg Desc: Main Control
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Mounting Location: +DOC	Type: Panel layout
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 Wood-Mizer		
Project Description: Control, Elec. PD200B10 240VAC 3Ph		
Revision:	A1.01	Pg Desc: Main Control Layout
Mounting Location:	+DOC	Type: Panel layout
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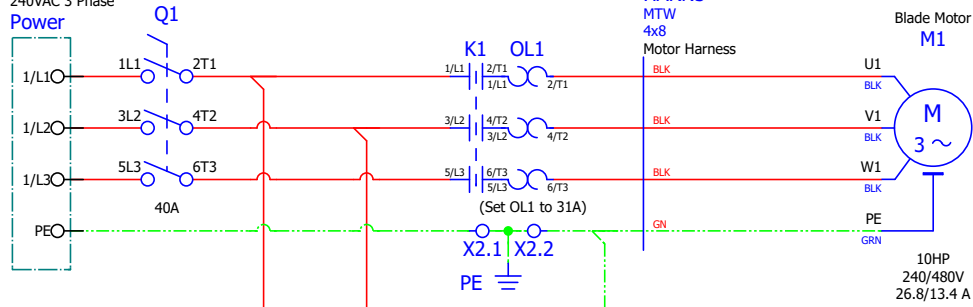
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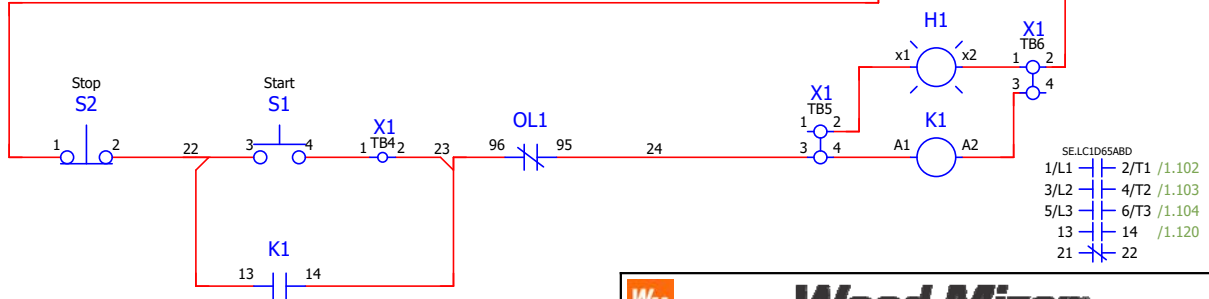
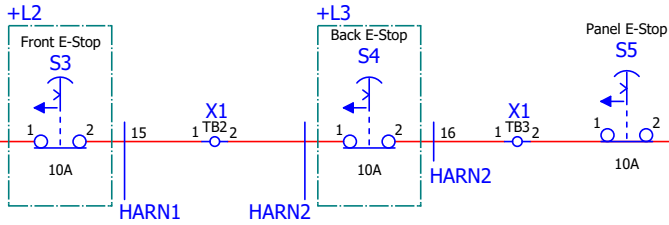
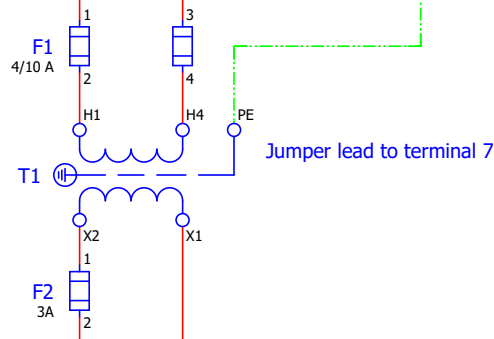
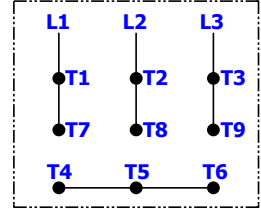
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Customer Supplied
240VAC 3 Phase
Power



**M1 Connections
3 Phase 240V**



Wood-Mizer

Project Description: Control, Elec. PD200B10 240VAC 3Ph

Revision: A1.01 Pg Desc: Main

Mounting Location: +L1 (PD200B10) Type: Schematic multi-line

Prev. pg: +DOC/F2 Page: 1 Next pg: Total Pgs: 9

PD200C10 460v 3ph 10hp
PD200H10 400v 3ph 10hp

rev. A2.00

Revision History

Date	Revision	Revision Record	Drawn By	Checked By
7/11/17	A1.00	Initial Release	JEC	JRF
6/10/2019	A2.00	Modified for Batesville production	MAM	

Device Tag/Parts List

WM_PARTS_LIST-Manual

Device tag	Function	Wood-Mizer Part Number	Wood-Mizer Description	Qty.	X-Ref
F1	Primary Control Fuse	P03151	Fuse, 4/10A 600V KLDR Class CC	2	+L1/1.106
F2	Secondary Control Fuse	052454	Fuse, 3A 600V KLDR Class CC	1	+L1/1.106
K1	Contactor	052692	Contactor, 32A 3P 24VAC Coil	1	+L1/1.118
M1	Blade Motor	079949	Motor, 10hp Dismantler, 1ph	1	+L1/1.102
OL1	Overload Protection	114029	Overload, 6.4-32A LR9D32 Electronic	1	+L1/1.102
S1	Start	025236-31	Switch Body, 22mm Grn LED 1 NO 24V ZB4	1	+L1/1.118
S2	Stop	050540	Contact, NC ZBE102	1	+L1/1.118
S3	Front E-Stop	052999	E-Stop Box, 40mm Oper-10A NC	1	+L1/1.118
S4	Back E-Stop	052999	E-Stop Box, 40mm Oper-10A NC	1	+L1/1.118
T1	Control Transformer	114026	Transformer, 100VA 208/240/480 -24	1	+L1/1.112

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		068100	Terminal Block, 2Pos Cage Clamp	I				/1.10
TB2		068100	Terminal Block, 2Pos Cage Clamp	I				/1.10
TB3		068100	Terminal Block, 2Pos Cage Clamp	I				/1.09
TB4		068100	Terminal Block, 2Pos Cage Clamp	I				/1.09
TB5		068100	Terminal Block, 2Pos Cage Clamp	I				/1.05
TB6		068100	Terminal Block, 2Pos Cage Clamp	I				/1.05
TB7		068103	Terminal Block, 4Pos Cage Clamp	I				/1.14

Terminal line-up diagram

Wood-Mizer_Terminal_Lineup_Diagram

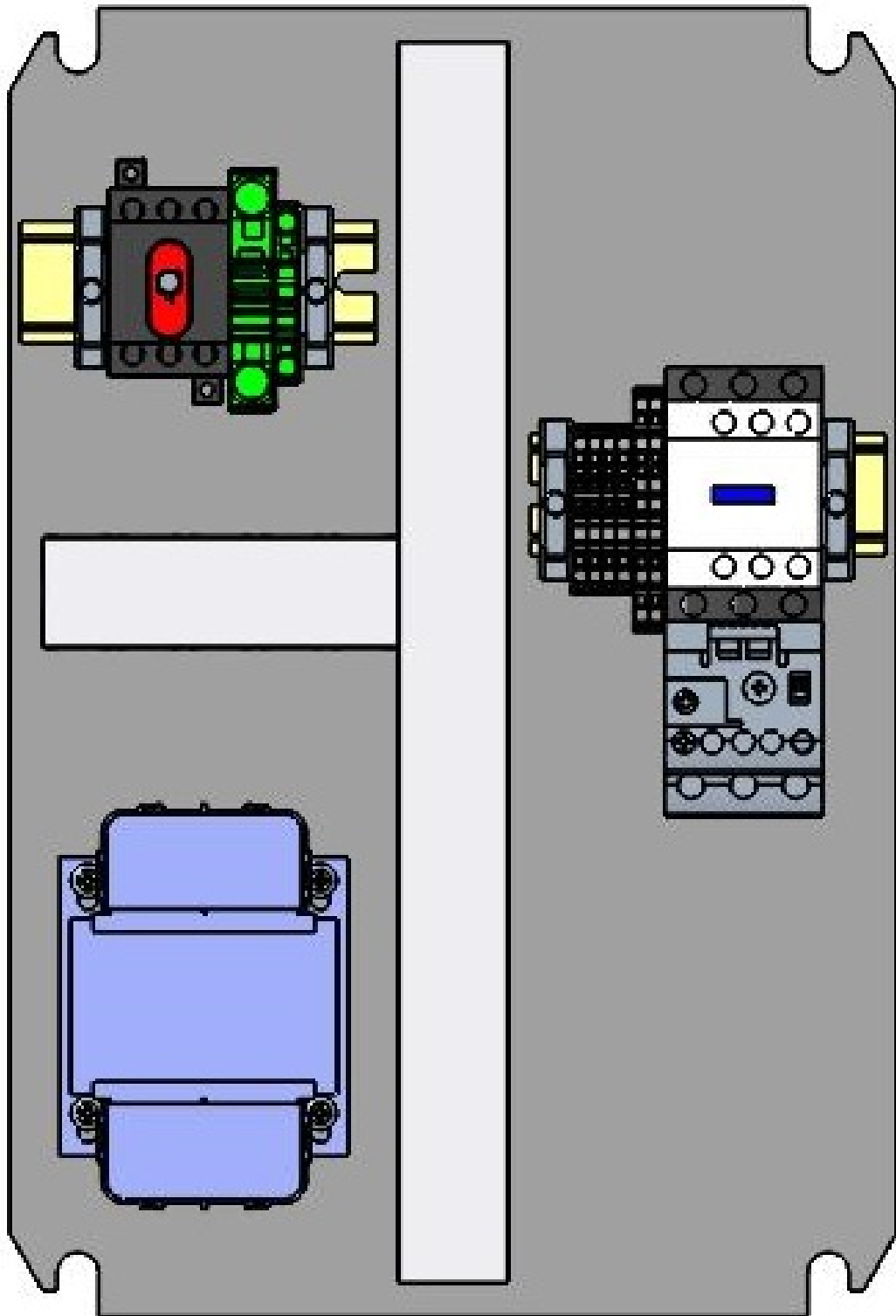
Terminal strip +L1-X2								
Terminal				Jumper		End Plate	Remark	Terminal X-Ref
Ref. Des.	Level	P/N	Description	Diagram	P/N	P/N		
TB1		068125	Terminal Block, 2Pos 16mm GND Clamp SD	I				/1.04

Cable Overview

Wood-Mizer_Cable_Overview

Cable Designation	Cable Part Number	Cable Description	Cable X-Ref
HARN3	114110	Harness Assy, PD200 240/480 VAC 3PH	+L1/1.102
HARN1	073803	Harness Assy, Pallet Hawg Back E-Stop	+L1/1.118
HARN2	073805	Harness Assy, Pallet Hawg Front E-Stop	+L1/1.118

		Wood-Mizer®	
Project Description: Control, Elec. PD200C10 480VAC 3Ph			
Revision: A2.00		Pg Desc: Revision History	
Mounting Location: +		Type: Overview	



Wood-Mizer

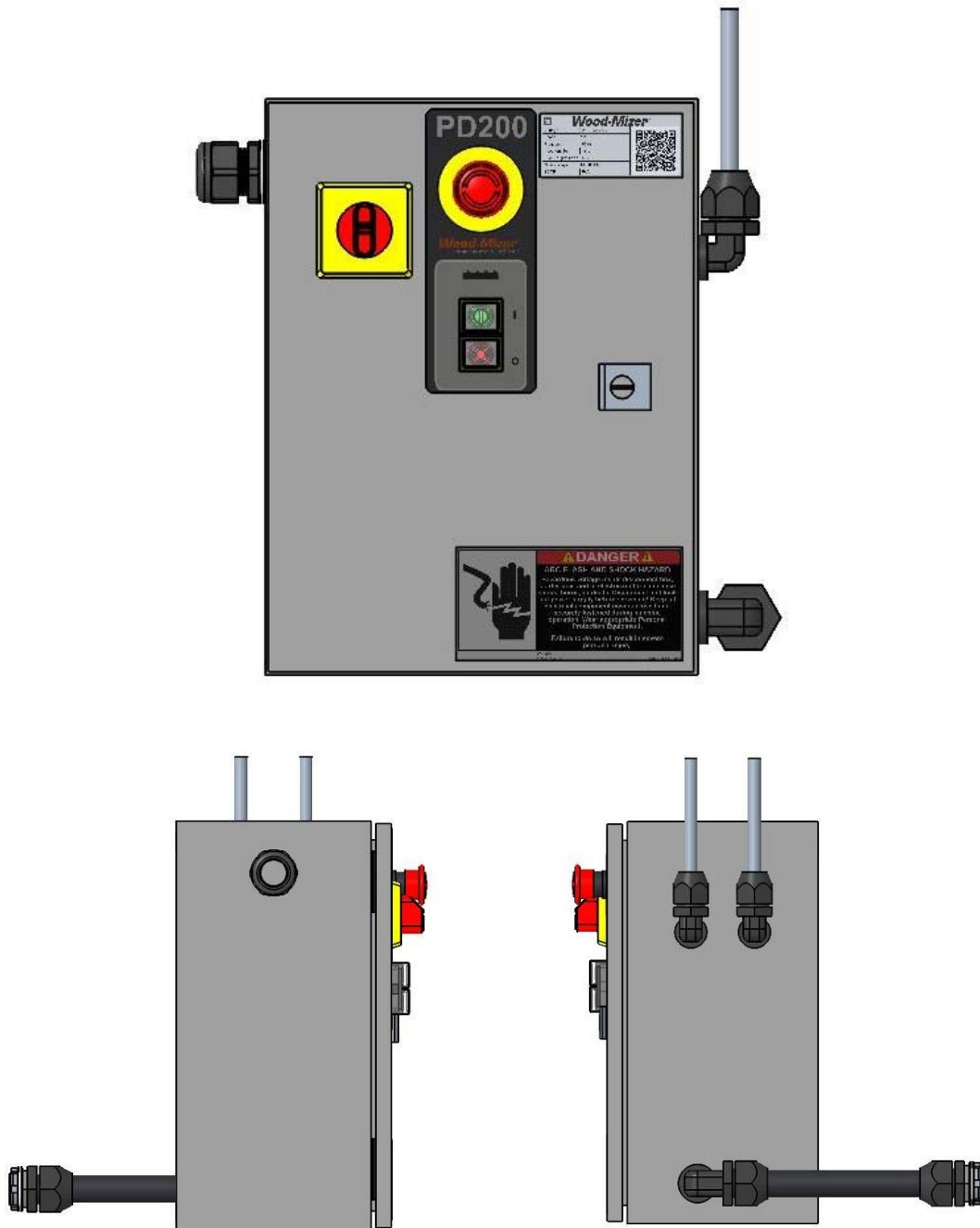
Project Description: Control, Elec. PD200C10 480VAC 3Ph

Revision: A2.00

Pg Desc: Main Control

Mounting Location: +DOC

Type: Panel layout



 Wood-Mizer		
Project Description: Control, Elec. PD200C10 480VAC 3Ph		
Revision: A2.00	Pg Desc: Main Control Layout	
Mounting Location: +DOC	Type: Panel layout	

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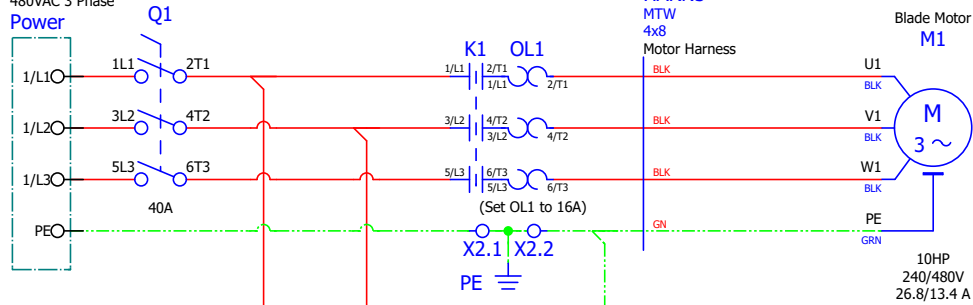
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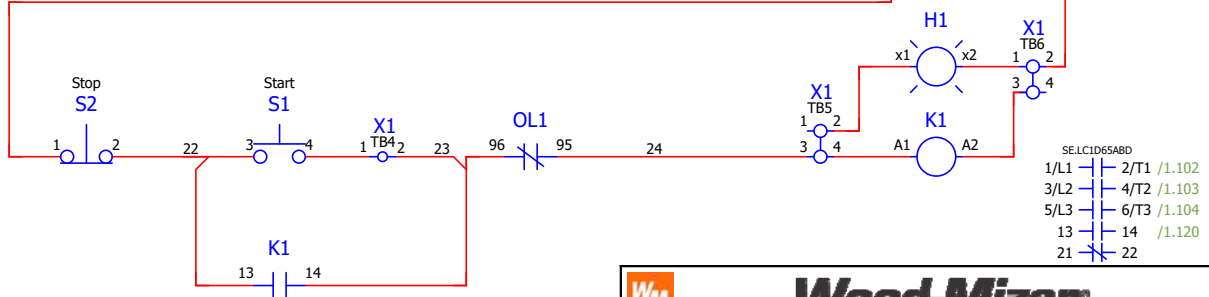
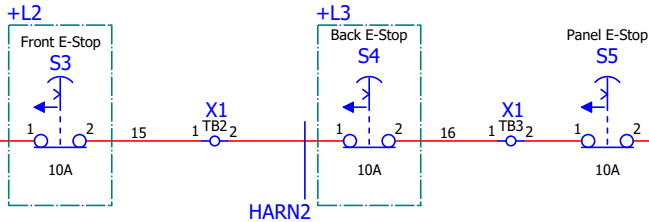
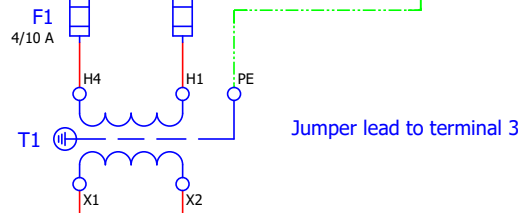
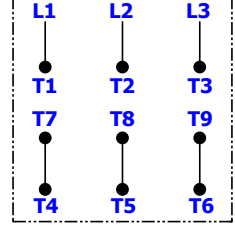
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Customer Supplied
480VAC 3 Phase
Power



**M1 Connections
3 Phase 460V**



SELCD65ABD
1/L1 2/T1 /1.102
3/L2 4/T2 /1.103
5/L3 6/T3 /1.104
13 14 /1.120
21 22



Wood-Mizer

Project Description: Control, Elec. PD200C10 480VAC 3Ph

Revision: A2.00 Pg Desc: Main

Mounting Location: +L1 (PD200C10) Type: Schematic multi-line

PD200K10 575v 3ph 10hp

rev. A2.00

Revision History

Date	Revision	Revision Record	Drawn By	Checked By
7/11/17	A1.00	Initial Release	JEC	JRF
6/10/2019	A2.00	Modified for Batesville production	MAM	

Device Tag/Parts List

WM_PARTS_LIST-Manual

Device tag	Function	Wood-Mizer Part Number	Wood-Mizer Description	Qty.	X-Ref
F1	Primary Control Fuse	P03151	Fuse, 4/10A 600V KLDR Class CC	2	+L1/1.106
F2	Secondary Control Fuse	052454	Fuse, 3A 600V KLDR Class CC	1	+L1/1.106
K1	Contactor	052692	Contactor, 32A 3P 24VAC Coil	1	+L1/1.118
M1	Blade Motor	110401	Motor, 10hp 575v, 1750rpm	1	+L1/1.102
OL1	Overload Protection	114029	Overload, 6.4-32A LR9D32 Electronic	1	+L1/1.102
S1	Start	025236-31	Switch Body, 22mm Grn LED 1 NO 24V ZB4	1	+L1/1.118
S2	Stop	050540	Contact, NC ZBE102	1	+L1/1.118
S3	Front E-Stop	052999	E-Stop Box, 40mm Oper-10A NC	1	+L1/1.118
S4	Back E-Stop	052999	E-Stop Box, 40mm Oper-10A NC	1	+L1/1.118
T1	Control Transformer	114031	Transformer, 100VA 600/575/550-24	1	+L1/1.112

Terminal line-up diagram

Wood-Mizer_Terminal_Lineup_Diagram

Terminal strip +L1-X1							
Terminal				Jumper		End Plate	Remark
Ref. Des.	Level	P/N	Description	Diagram	P/N	P/N	
TB1		068100	Terminal Block, 2Pos Cage Clamp	⌋			/1.10
TB2		068100	Terminal Block, 2Pos Cage Clamp	⌋			/1.10
TB3		068100	Terminal Block, 2Pos Cage Clamp	⌋			/1.09
TB4		068100	Terminal Block, 2Pos Cage Clamp	⌋			/1.09
TB5		068100	Terminal Block, 2Pos Cage Clamp	⌋			/1.05
TB6		068100	Terminal Block, 2Pos Cage Clamp	⌋			/1.05
TB7		068103	Terminal Block, 4Pos Cage Clamp	⌋			/1.14

Terminal line-up diagram

Wood-Mizer_Terminal_Lineup_Diagram

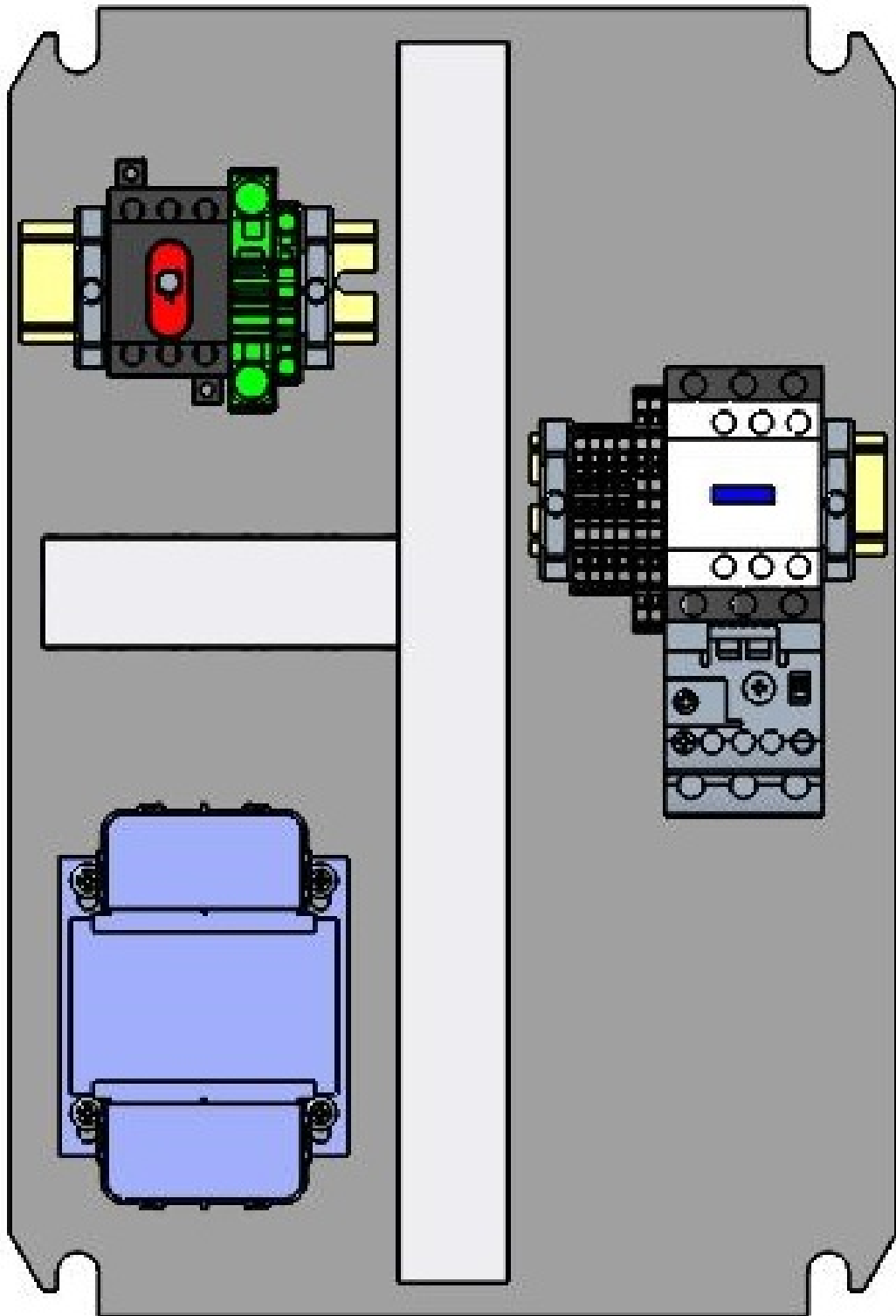
Terminal strip +L1-X2							
Terminal				Jumper		End Plate	Remark
Ref. Des.	Level	P/N	Description	Diagram	P/N	P/N	
TB1		068125	Terminal Block, 2Pos 16mm GND Clamp SD	⌋			/1.04

Cable Overview

Wood-Mizer_Cable_Overview

Cable Designation	Cable Part Number	Cable Description	Cable X-Ref
HARN3	114110	Harness Assy, PD200 240/480 VAC 3PH	+L1/1.102
HARN1	073803	Harness Assy, Pallet Hawg Back E-Stop	+L1/1.118
HARN2	073805	Harness Assy, Pallet Hawg Front E-Stop	+L1/1.118

		Wood-Mizer®	
Project Description: Control, Elec. PD200K10 575VAC 3Ph			
Revision: A2.00		Pg Desc: Revision History	
Mounting Location: +		Type: Overview	



Wood-Mizer

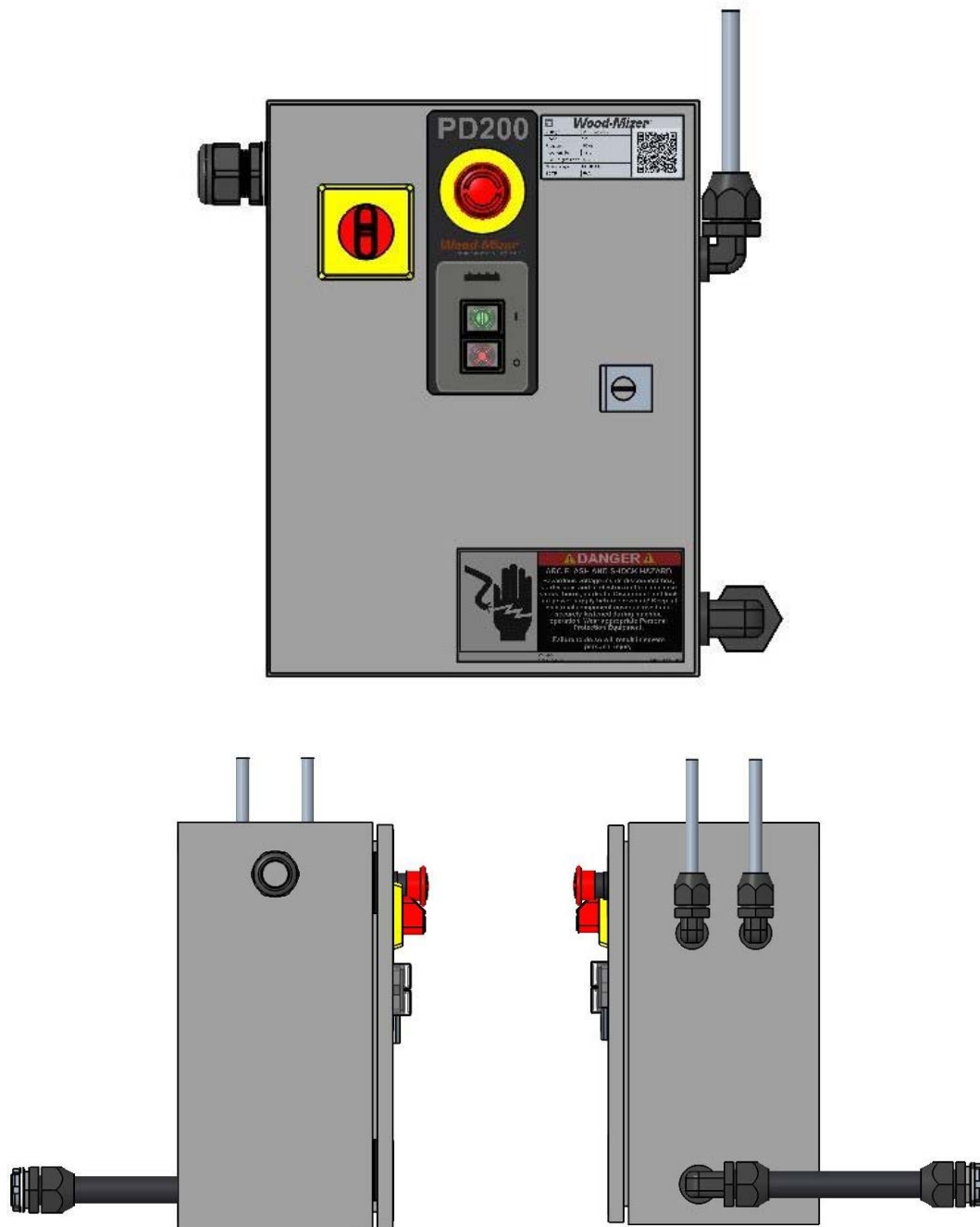
Project Description: Control, Elec. PD200K10 575VAC 3Ph

Revision: A2.00

Pg Desc: Main Control

Mounting Location: +DOC

Type: Panel layout



 Wood-Mizer		
Project Description: Control, Elec. PD200K10 575VAC 3Ph		
Revision: A2.00	Pg Desc: Main Control Layout	
Mounting Location: +DOC	Type: Panel layout	

