



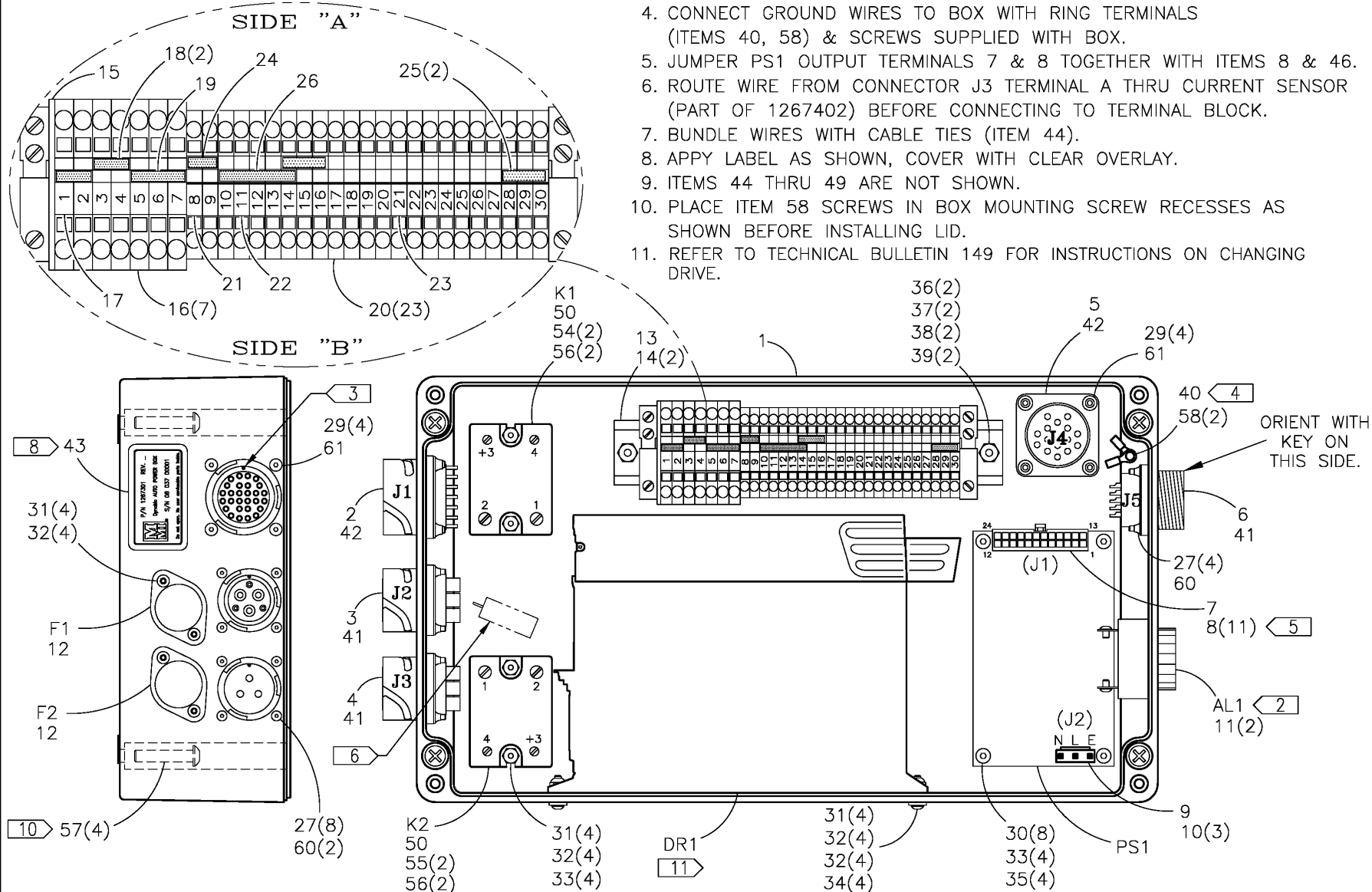
McElroy Manufacturing, Inc.
The leader by design.
Tulsa, Oklahoma U.S.A.

DRAWN: MJA	CHECK: EGM	APPR'D: FTS	DATE: 10/28/15	SHT No: 2	REV No: C	PART No: 1267302
DYNAMC® AUTOMATIC POWER BOX ASSEMBLY 110-120V, 50/60HZ						

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NOTES:

1. WIRE PER WIRING CHART.
2. APPLY RTV SEALANT BETWEEN INSIDE OF BOX & ALARM.
3. ORIENT CONNECTORS WITH KEYS TOWARDS SIDE OF BOX AS SHOWN.
4. CONNECT GROUND WIRES TO BOX WITH RING TERMINALS (ITEMS 40, 58) & SCREWS SUPPLIED WITH BOX.
5. JUMPER PS1 OUTPUT TERMINALS 7 & 8 TOGETHER WITH ITEMS 8 & 46.
6. ROUTE WIRE FROM CONNECTOR J3 TERMINAL A THRU CURRENT SENSOR (PART OF 1267402) BEFORE CONNECTING TO TERMINAL BLOCK.
7. BUNDLE WIRES WITH CABLE TIES (ITEM 44).
8. APPLY LABEL AS SHOWN, COVER WITH CLEAR OVERLAY.
9. ITEMS 44 THRU 49 ARE NOT SHOWN.
10. PLACE ITEM 58 SCREWS IN BOX MOUNTING SCREW RECESSES AS SHOWN BEFORE INSTALLING LID.
11. REFER TO TECHNICAL BULLETIN 149 FOR INSTRUCTIONS ON CHANGING DRIVE.



DynaMc AUTOMATIC POWER BOX ASSEMBLY
110-120V, 50/60HZ

Sheet 1 of 3

WIRE	TERMINAL	FROM		TO	TERMINAL
Red-Wht	1267402 J1 Pigtail Assembly	J1-15	—	TB-20A	MLM00240 #18x6mm Insulated Ferrule
Org-Blk	"	J1-1	—	Pwr Supply J1-10	MQF00351 - #16 Female Contact
Blk-Red	"	J1-2	—	Drive - 11	MLM00240 #18x6mm Insulated Ferrule
Blk	"	J1-26	—	TB-26A	MLM00240 #18x6mm Insulated Ferrule
Red	"	J1-21	—	TB-28A	MLM00240 #18x6mm Insulated Ferrule
Wht-Red	"	J1-8	—	TB-24A	MLM00240 #18x6mm Insulated Ferrule
Org-Red	"	J1-3	—	Pwr Supply J1-20	MQF00351 #16 Female Contact
Blk-Wht	"	J1-17	}	Relay K1-4	MLM00120 14-16 X #6 Fork Terminal
#18 BLACK	MLM00092 18-22 x #6 Fork Terminal	Relay K2-4			
Red-Blk	1267402 J1 Pigtail Assembly	J1-16	—	TB-19A	MLM00216 #20x8mm Insulated Ferrule
Grn	"	J1-18	—	TB-8A	MLM00216 #20x8mm Insulated Ferrule
Org-Grn	"	J1-4	—	Drive - 12	MLM00216 #20x8mm Insulated Ferrule
Wht-Blk	"	J1-11	—	TB-23A	MLM00216 #20x8mm Insulated Ferrule
Wht	"	J1-23	—	TB-22A	MLM00216 #20x8mm Insulated Ferrule
Blu	"	J1-25	—	Pwr Supply J1-18	MQF00351 #16 Female Contact
Org	"	J1-22	—	Pwr Supply J1-9	MQF00351 #16 Female Contact
Red-Grn	"	J1-5	—	Alarm (+)	MLM00004 18-22 x #6 Ring Terminal
Grn-Blk-Wht	"	J1-10	—	TB-18A	MLM00216 #20x8mm Insulated Ferrule
Red-Blk-Wht	"	J1-9	—	TB-21A	MLM00216 #20x8mm Insulated Ferrule
Wht-Blk-Red	"	J1-7	—	TB-25A	MLM00216 #20x8mm Insulated Ferrule
Blk-Wht-Red	"	J1-6	—	TB-17A	MLM00216 #20x8mm Insulated Ferrule
BLK	1267501 J2 Pigtail Assembly	J2-A	—	Relay K1-2	MLM00258 10-12 x #8 Fork Terminal
BRN	"	J2-B	—	TB-24B	none
GRN	"	J2-C	—	TB-7B	none
BLU	"	J2-D	—	TB-9B	none
BLK	"	J2-E	—	Relay K2-2	MLM00258 10-12 x #8 Fork Terminal
BRN	"	J2-F	—	TB-25B	none

REV. C

1267302

1/9/20

DynaMc AUTOMATIC POWER BOX ASSEMBLY
110-120V, 50/60HZ

Sheet 2 of 3

BLK	1267601 J3 Pigtail Assembly	J3-A	—	TB-1A	none - Route wire thru current sensor (part of 1267402).
BLK	"	J3-B	—	TB-3A	none
GRN	"	J3-C	—	TB-5A	none
BRN	1267702 J4 Pigtail Assembly	J4-A	—	TB-26B	none
BLU	"	J4-B	—	TB-10B	none
BRN	"	J4-C	—	TB-17B	none
BLU	"	J4-D	—	TB-11B	none
BRN	"	J4-E	—	TB-21B	none
BLU	"	J4-F	—	TB-12B	none
BRN	"	J4-G	—	TB-18B	none
BLU	"	J4-H	—	TB-13B	none
BRN	"	J4-J	—	TB-19B	none
BLU	"	J4-K	—	TB-20B	none
BRN	"	J4-L	—	TB-29B	none
BRN	"	J4-M	—	TB-23B	none
BLU	"	J4-N	—	TB-14B	none
BRN	"	J4-P	—	TB-28B	none
BRN	"	J4-R	—	TB-22B	none
BLU	"	J4-S	—	TB-15B	none
BRN	1267801 J5 Pigtail Assembly	J5-A	—	Drive - V	MLM00217 #16x8mm Insulated Ferrule
BRN	"	J5-B	—	Drive - U	MLM00217 #16x8mm Insulated Ferrule
BRN	"	J5-C	—	Drive - W	MLM00217 #16x8mm Insulated Ferrule
GRN	"	J5-D	—	TB-6B	none
#10, BLK	none	Fuse F1 (Line)	—	TB-2B	none
#10, BLK	none	Fuse F1 (Load)	—	Relay K1-1	MLM00258 10-12 x #8 Fork Terminal
#10, BLK	none	Fuse F2 (Line)	—	TB-4B	none
#10, BLK	none	Fuse F2 (Load)	—	Relay K2-1	MLM00258 10-12 x #8 Fork Terminal

REV. C

1267302

1/9/20

DynaMc AUTOMATIC POWER BOX ASSEMBLY
110-120V, 50/60HZ

Sheet 3 of 3

#16, BLU	MQF00351 16 Female Contact	Pwr Supply J1-5	—	TB-10A	none
#16, BLU	MQF00351 16 Female Contact	Pwr Supply J1-6	—	TB-8B	none
#16, BRN	MQF00351 16 Female Contact	Pwr Supply J1-7	—	Pwr Supply J1-8	MQF00351 - #16 Female Contact
#16, BLU	MQF00351 16 Female Contact	Pwr Supply J1-16	—	TB-11A	none
#16, BLU	MQF00351 16 Female Contact	Pwr Supply J1-17	—	TB-12A	none
#16, BLU	MQF00351 16 Female Contact	Pwr Supply J1-19	—	TB-9A	none
#18, GREEN	MQF00356 18-22 Female Contact	Pwr Supply J2-E	—	TB-6A	none
#18, BLACK	MQF00356 18-22 Female Contact	Pwr Supply J2-L	—	TB-1B	none
#18, WHITE	MQF00356 18-22 Female Contact	Pwr Supply J2-N	—	TB-3B	none
#16, BLU	MLM00004 18-22 x #6 Ring Terminal	Alarm (-)	—	TB-13A	none
#18, BLACK	none	Drive - 42	}	Relay K1-3	MLM00120 14-16 X #6 Fork Terminal
#18, BLACK	MLM00092 18-22 x #6 Fork Terminal	Relay K2-3			
#10, BLK	none	Drive - L1	—	TB-2A	none
#10, BLK	none	Drive - L3	—	TB-4A	none
#10, GRN	none	Drive - PE	—	Box Ground	MLM00173 10-12 x 1/4 Ring Terminal
#10, GRN	none	Drive - PE	—	TB-5B	none
#16, BLU	none	Drive - 1	—	TB-15A	none
#16, BRN	none	Drive - 41	—	TB-29A	none
#10, GRN	MLM00173 10-12 x 1/4 Ring Terminal	Box Ground	—	TB-7A	none
Grn-Yel Strp	1267402 J1 Pigtail Assembly	J1-27	—	Box Ground	MLM00175 18-22 x 1/4 Ring Terminal
Grn-Yel Strp	1267402 J1 Pigtail Assembly	J1-28	—	Box Ground	MLM00175 18-22 x 1/4 Ring Terminal
Blu	1267402 J1 Pigtail Assembly	J1-12	—	TB-16A	MLM00216 #20x8mm Insulated Ferrule
Blu	1267402 J1 Pigtail Assembly	J1-24	—	TB-16B	MLM00216 #20x8mm Insulated Ferrule

1267302

REV. C

1/9/20

McElroy Manufacturing Parts List

Part Number: 1267302 DynaMc Automatic 110-120V Power Box Assembly

Part Number 1267302 Component List

Item	Component	Description	Quantity	Unit	Price
AL1	MLN00470	6-28V Continuous Alarm	1.0	EA	60.86
DR1	MDB00118	1.5HP 120V 1PH AC Vctr Drive	1.0	EA	1,199.00
F1	MLQ00080	30 Amp Time-delay Fuse	1.0	EA	60.24
F2	MLQ00080	30 Amp Time-delay Fuse	1.0	EA	60.24
K1	MKB00133	Same as & Replaced by MKB00110	1.0	EA	0.00
K2	MKB00133	Same as & Replaced by MKB00110	1.0	EA	0.00
PS1	MQE00102	+24, +5, +12, -12 DC Supply	1.0	EA	651.00
1	1265501	Dynamc Hpu Electrical Box Mod	1.0	EA	0.00
2	1267402	Dynamc Auto Pwr BX 28P Pig Assy	1.0	EA	0.00
3	1267501	DM 120V 8/3+16/3 Recp Pig Assy	1.0	EA	0.00
4	1267601	DM 120V 8/3 Male Recp Pig Assy	1.0	EA	0.00
5	1267702	Dynamc 16/6 Recp Pigtail Assy	1.0	EA	0.00
6	1267801	Dynamc 16/14 Recp Pigtail Assy	1.0	EA	0.00
7	MQF00352	16AWG 24-POS 2-ROW Receptacle	1.0	EA	0.00
8	MQF00351	16AWG Female Crimp Contact	11.0	EA	0.00
9	MQF00355	5-POS .156" Connector Housing	1.0	EA	0.00
10	MQF00356	18-22AWG Fem Crimp Contact	3.0	EA	0.00
11	MLM00004	18-22 X #6 Ring Term, Non-insu	2.0	EA	0.96
12	MLR00037	Sealed Panel Mount Fuse Holder	2.0	EA	147.00
13	MLM00061	Steel Din Rail	0.7	FT	18.49
14	MLM00056	End Clamp	2.0	EA	5.71
15	MLM00215	End Cover	1.0	EA	3.21
16	MLM00214	10-20 Spring Terminal	7.0	EA	0.00
17	MLU00020	ZB6 Marker 1-10	1.0	EA	4.42
18	MLM00213	ST4, 2 Pos Insertion Bridge	2.0	EA	0.00
19	MLM00212	ST4, 3 Pos Insertion Bridge	1.0	EA	0.00
20	MLM00203	12-26 Spring Terminal	23.0	EA	4.58
21	MLU00037	ZB5 Marker 1-10	1.0	EA	5.86
22	MLU00038	ZB5 Marker 11-20	1.0	EA	5.89
23	MLU00041	ZB5 Marker 21-30	1.0	EA	5.44
24	MLM00209	ST2.5, 2 Pos Insertion Bridge	1.0	EA	3.44
25	MLM00206	ST2.5, 3 Pos Insertion Bridge	2.0	EA	4.98
26	MLM00211	ST2.5, 5 Pos Insertion Bridge	1.0	EA	5.29
27	MAN00027	#4-40NCX5/8LG Fhscs SS	12.0	EA	0.29
28	MBC00001	#4-40NC Mach Scr Nyl Lck Nut	8.0	EA	0.34
29	MAN00029	#6-32NCX5/8LG Fhscs SS	8.0	EA	0.14
30	MAN00061	#6-32NCX3/8 LG Bhscs SS	8.0	EA	0.66
31	MAN00028	#6-32NCX5/8LG Bhscs SS	12.0	EA	0.61
32	MBC00002	#6-32NC Mach Scr Nyl Lck Nut	12.0	EA	0.75
33	MLN00206	#6 X 3/8OD Seal Washer SS	12.0	EA	0.00
34	MBF00002	#6 TY 'a' Wide FL Wshr Stl PL	4.0	EA	0.10
35	MQI00077	#6-32X1/2 F/f 1/4HEX Standoff	4.0	EA	3.81
36	MAH00003	#10-24NCX5/8LG Phpms	2.0	EA	0.29
37	MLN00194	#10 X 1/2 OD Seal Washer	2.0	EA	0.00
38	MBF00004	#10 TY 'a' Wide FL Wshr Stl PL	2.0	EA	0.10
39	MBC00004	#10-24NC Mach Scr Nyl Lck Nut	2.0	EA	0.31
40	MLM00173	10-12 X 1/4 Ring Terminal	1.0	EA	1.48
41	MQF00177	Size 20 Recep Rear Mnt Gasket	3.0	EA	14.22
42	MQF00179	Size 24 Recep Rear Mnt Gasket	2.0	EA	14.20
43	1271401	DM Auto 110-120 Pwr BX Srl Lbl	1.0	EA	0.00
44	MLN00418	5.5" X .14" Cable Tie	25.0	EA	0.31
45	MLL00095	#16 UL1007/UL1569 Wire, Blue	10.0	FT	0.00
46	MLL00096	#16 UL1007/UL1569 Wire, Brown	9.0	FT	0.89
47	MLL00046	#16 Mtw/tew Wire, Green	2.0	FT	0.00
48	MLL00132	#10 MTW/TEW/UL1015 Wire, Black	3.0	FT	0.00

McElroy Manufacturing Parts List

Part Number: 1267302 DynaMc Automatic 110-120V Power Box Assembly

49	MLL00133	#10 MTW/TEW/UL1015 Wire, Green	2.0 FT	0.00
50	MKB00126	Solid State Relay Cover	2.0 EA	14.35
51	MLL00035	#18 Mtw/tew Wire, Black	4.0 FT	0.00
52	MLL00084	#18 Mtw/tew Wire, White	2.0 FT	0.15
53	MLL00089	#18 Mtw/tew Wire, green/yel Stp	2.0 FT	0.14
54	MLM00120	14-16 X #6 Fork Terminal	2.0 EA	1.15
55	MLM00092	18-22 X #6 Fork Terminal	2.0 EA	3.14
56	MLM00258	10-12 X #8 Fork Terminal	4.0 EA	1.25
57	MAC00056	1/4-20NCX1-1/4LG Shcs PL	4.0 EA	1.15
58	MLM00175	18-22 X 1/4 Ring Terminal	2.0 EA	1.84
59	MLM00216	#20 X 8MM Insulated Ferrule	11.0 EA	0.71
60	MQF00520	Size 20 X 4-40 Nut Plate	3.0 EA	21.70
61	MQF00710	Size 24 X 6-32 Nut Plate	2.0 EA	0.00
62	MLM00217	#16 X 8MM Insulated Ferrule	3.0 EA	0.79
63	MLM00240	#18 X 6MM Insulated Ferrule	5.0 EA	0.00

Please visit <https://fusion.mcelroy.com/parts> to purchase parts or for more information.