

Mi-T-M[®] CORPORATION

8650 Enterprise Dr., Peosta IA 52068

319-556-7484 / Fax 319-556-1235

CW-2004-1ME1/1ME3 PARTS LIST

CW-2004-1ME1

CW-2004-1ME3

CX-0002 Option

Pump Oil Grade:

Pump Oil Capacity:

Nozzle Size:

1 phase/230volts/21.5 amps max

3 phase/230 volts/14 amps max

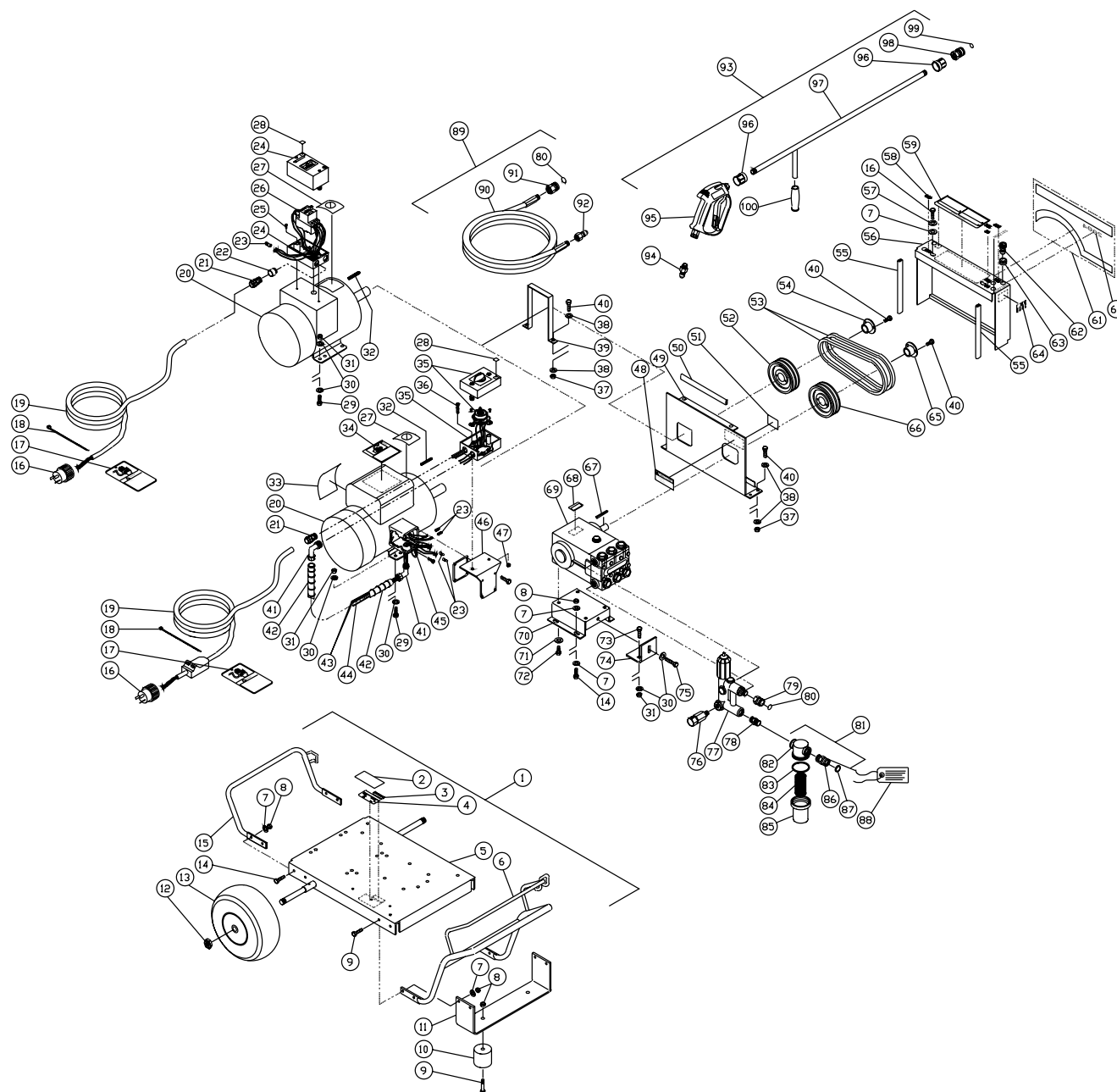
3 phase/480 volts/7 amps max

Mi-T-M Pump Oil AW-4085-0016

15.2oz.

5.0

FRAME ASSEMBLY FOR CW-2004-1ME1 / 1ME3

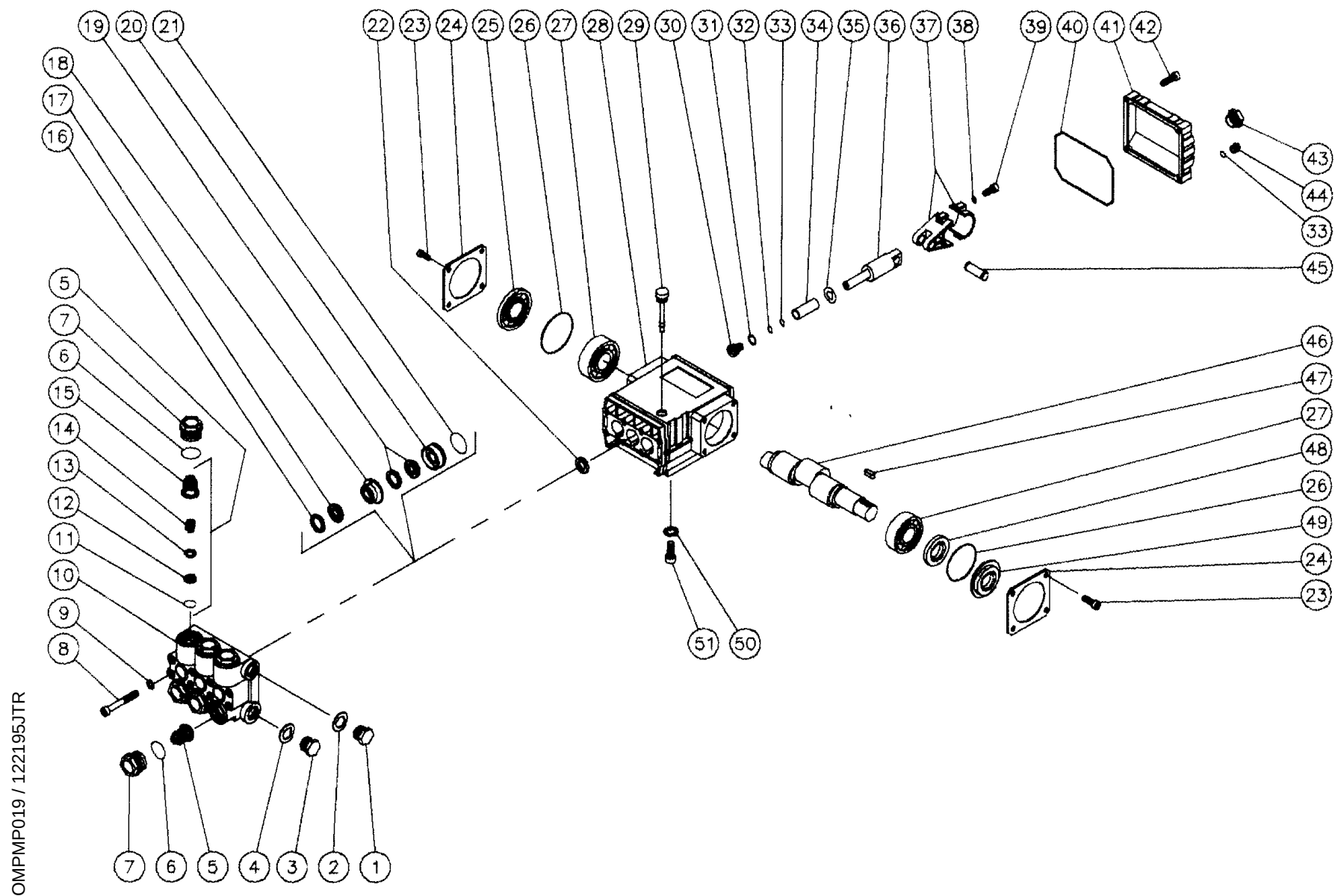


OMCWU119 / 090396JTR

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FRAME ASSEMBLY FOR CW-2004-1ME1/1ME3											
REF #	DESCRIPTION	PART #	QTY	REF #	DESCRIPTION	PART #	QTY	REF #	DESCRIPTION	PART #	QTY
1	Base Plate Assembly (5-15)	851-0211	1	32	Key-Motor	43-0078	1	66	Sheave - Pump	10-0065	1
2	Decal-Clear Laminate	34-0210	1	33	Decal-Operating Instructions	34-0432	1	67	Key - Pump	43-0028	1
3	Decal-Cold Water Serial Number	N/A	1	34	Decal-Warning: Risk of Electrocutation	34-0431	1	68	Decal - Important: Pump Instructions	34-0128	1
4	Decal-Silver Sticker	34-0075	1	35	Switch - 1 Phase	32-0350	1	69	Pump	3-0080	1
5	Base Plate	5-0090ULA01	1	36	Screw	27-2811	2	70	Pump Bracket	5-0097A01	1
6	Handle - Front	7-0084A01	1	37	Locknut	30-0155	6	71	Washer	29-0054	4
7	Washer	28-0003	18	38	Washer	28-0002	12	72	Bolt	27-8042	4
8	Locknut	30-0157	14	39	Finger Guard	6-0054A01	1	73	Bolt	27-0117	2
9	Bolt	27-0068	6	40	Bolt	27-0015	6	74	Brace Tightener	13-0005A01	1
10	Isolator	14-0008	2	41	Conduit Elbow	32-0254	2	75	Bolt	27-0576	1
11	Underbracket	13-0042A01	1	42	Conduit	32-0253	1	76	Heat Dump Valve	22-0208	1
12	Jamnut	30-0117	2	43	Black Wire (21")*	32-0091	2	77	Unloader	8-0316	1
13	Wheel	14-0006	2	44	Green Wire (21")*	32-0248	1	78	Hex Nipple	23-0012	1
14	Bolt	27-0067	10	45	Terminal	32-0034	1	79	Quick Connect Socket	17-0004	1
15	Handle - Rear	7-0085A01	1	46	Mounting Bracket - Switch	20-0317A01	1	80	O-ring (Replacement)	25-0123	2
16	Plug - 1 Phase (For 1ME1)	32-0029	1	47	Locknut	30-0154	2	81	Strainer (82-87)	19-0057	1
	Plug - 3 Phase (For 1ME3)	32-0118	1	48	Decal-Caution: High Pressure Spray	34-0080	1	82	Strainer Cap	19-0058	1
	Plug - 3 Phase (For CX-0002)	32-0117	1	49	Beltguard Back (See 851-0281)	N/A Sep.	1	83	Strainer Gasket	26-0160	1
17	Tag - Risk of Electrocutation (For 1ME1)	34-0417	1	50	Edging (15 1/4")*	33-0020	1	84	Stainless Steel Screen	19-0059	1
	Tag - Risk of Electrocutation (For 1ME3)	34-0330	1	51	Decal-Warning: Do Not Remove	34-0575	1	85	Strainer Bowl	19-0060	1
18	Cable Tie	33-0022	2	52	Sheave - Motor	10-0025	1	86	Garden Hose Swivel	23-0095	1
19	Cord 35' with GFCI & Plug (For 1ME1)	32-0334	1	53	Belt	11-0012	2	87	Garden Hose Gasket	26-0001	1
	Cord (10 ft.)* (For 1ME3)	32-0025	1	54	Bushing - 1 Phase Motor (For 1ME1)	9-0008	1	88	Tag - Water Supply Inlet	34-0097	1
20	Motor - 5.0 HP (For 1ME1)	2-0078	1		Bushing - 3 Phase Motor (For 1ME3)	9-0010	1	89	Pressure Hose Assy. (90-92)	851-0007	1
	Motor - 5.0 HP (For 1ME3)	2-0012	1	55	Edging (10")*	33-0020	2	90	Pressure Hose	15-0003	1
21	Cord Strain Relief (For 1ME1)	32-0358	1	56	Beltguard Cover (See 851-0282)	N/A Sep.	1	91	Quick Connect Socket	17-0004	1
	Cord Strain Relief (For 1ME3)	32-0013	1	57	Lockwasher	29-0007	2	92	Quick Connect Plug	17-0006	1
22	Conduit Adapter (For 1ME3)	32-0294	1	58	Decal-Nozzles	34-0500	1	93	Gun / Wand Assy. (94-98, 100)	851-0200	1
23	Crimped Wire Splice	32-0359	3	59	Decal-Caution/Warning/Operating Statements	34-0362	1	94	Quick Connect Plug	17-0005	1
24	Starter Enclosure (For 1ME3)	32-0293	1	60	Decal-White Die Cut	34-0036	1	95	Gun	16-0191	1
25	Screw (For 1ME3)	27-3048	1	61	Decal- Mi-T-M Stripe	34-0003	1	96	Gun / Wand Connector	16-0182	2
26	Starter - 3 Phase (240V) (For 1ME3)	32-0297	1	62	Spray Nozzle - 0005	18-0003	1	97	Wand	16-0206	1
	Starter - 3 Phase (CX-0002) (480V)	32-0296	1		Spray Nozzle - 1505	18-0004	1	98	Quick Connect Socket	17-0001	1
27	Decal-Do Not Spray	34-0391	1		Spray Nozzle - 2505	18-0153	1	99	O-ring - (Replacement)	25-0122	2
28	Decal-Void if Removed	34-0085	1		Spray Nozzle - 4005	18-0180	1	100	Grip Handle	7-0002	1
29	Bolt	27-0118	4	63	Grommet	33-0001	5		Beltguard Back Assy. (Inc. 48-51)	851-0281	
30	Washer	28-0023	11	64	Decal-American Flag	34-0521	1		Beltguard Cover Assy. (Inc. 55, 56, 58, 59, 63, 64)	851-0282	
31	Locknut	30-0159	6	65	Bushing - Pump	9-0017	1		*Must order in one foot lengths		

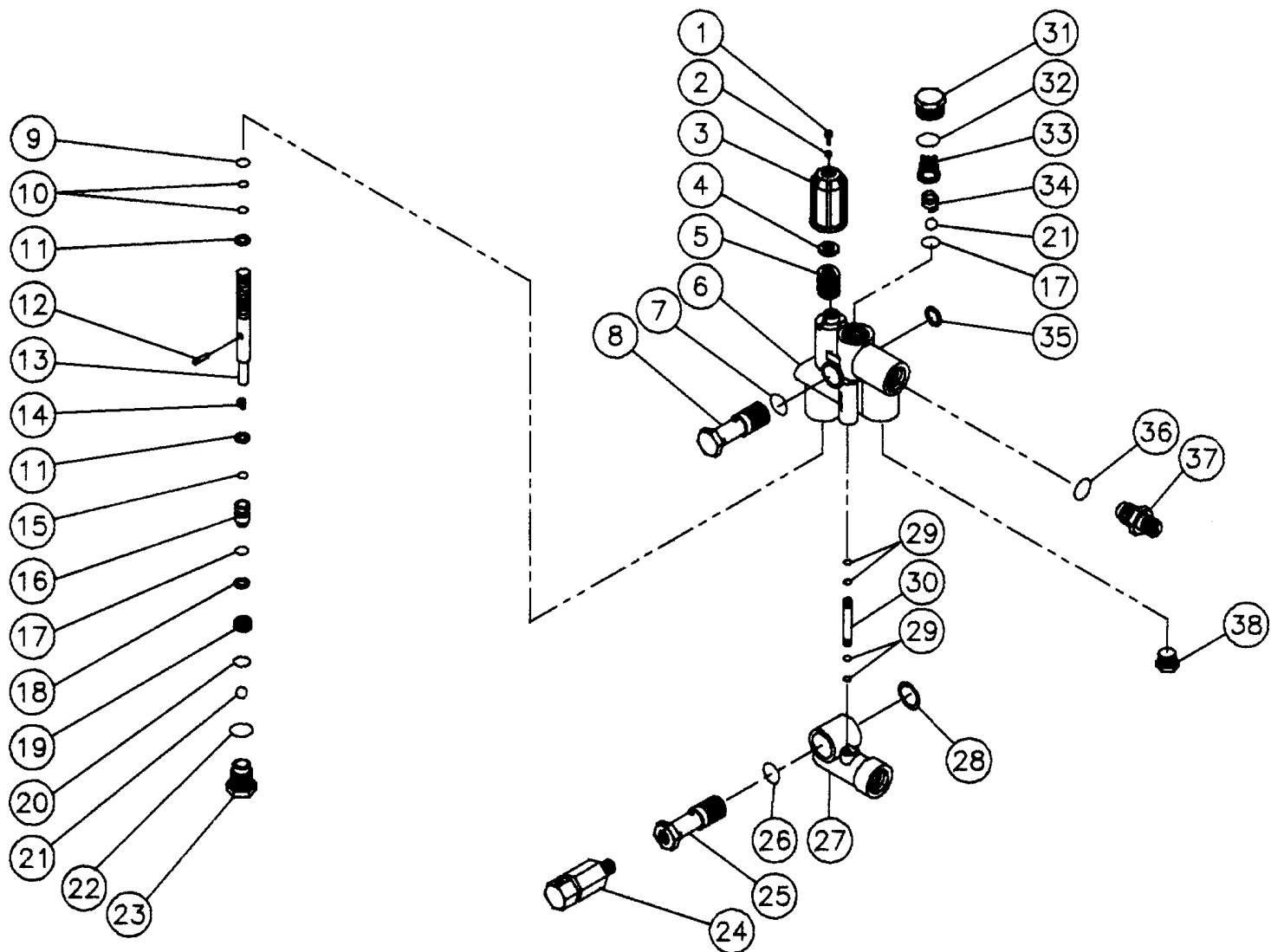
PUMP ASSEMBLY (3-0080)



OMPMP019 / 122195JTR

PUMP ASSEMBLY (3-0080)							
REF #	DESCRIPTION	PART #	QTY		REF #	DESCRIPTION	PART # QTY
1	Plug	39-0018	1		28	Crankcase	46-0075 1
2	Washer	28-0600	1		29	Oil Dip Stick	46-0143 1
3	Plug	39-0019	1		30	Piston Screw	46-0069 3
4	Washer	28-0601	1		31	Washer	28-0400 3
5	Valve Assembly (11-15) (See kit 70-0009)	N/A Sep.	6		32	Ceramic Plunger	46-0078 3
6	O-ring	25-0012	6		33	O-ring	25-0014 4
7	Valve Plug	39-0020	6		34	Back Up Ring	46-0109 3
8	Bolt	27-8439	8		35	Flinger Washer	46-0146 3
9	Lockwasher	29-0154	8		36	Piston Rod	46-0080 3
10	Pump Manifold	46-0083	1		37	Connecting Rod	46-0231 3
11	O-ring (See kit 70-0009)	N/A Sep.	6		38	Washer	28-0201 6
12	Valve Seat (See kit 70-0009)	N/A Sep.	6		39	Bolt	27-8405 6
13	Valve Plate (See kit 70-0009)	N/A Sep.	6		40	Cover Gasket	26-0081 1
14	Valve Spring (See kit 70-0009)	N/A Sep.	6		41	Crankcase Cover	46-0085 1
15	Valve Cage (See kit 70-0009)	N/A Sep.	6		42	Bolt	27-8401 5
16	Head Ring (See kit 852-0012)	N/A Sep.	6		43	Oil Level Indicator	46-0114 1
17	V-packing (See kit 852-0012)	N/A Sep.	6		44	Plug	39-0017 1
18	Intermediate Ring	46-0089	3		45	Connecting Rod Pin	43-0031 3
19	Low Pressure Seal (See 852-0012)	N/A	3		46	Crankshaft	46-0230 1
20	Low Pressure Seal Retainer	46-0081	3		47	Key	43-0028 1
21	O-ring	25-0048	3		48	Oil Seal	26-0048 1
22	Oil Seal	26-0046	3		49	Spacer - Bearing	46-0087 1
23	Bolt	27-8000	8		50	Lockwasher	46-0605 4
24	Oil Retainer	46-0084	2		51	Bolt	46-0606 4
25	Spacer	46-0088	1			Valve Kit (Includes 6 each of 5 OR 11-15)	70-0009 6
26	O-ring	25-0060	2			Packing Kit (Includes 16, 17, 20)	852-0012 6
27	Bearing	48-0011	2				

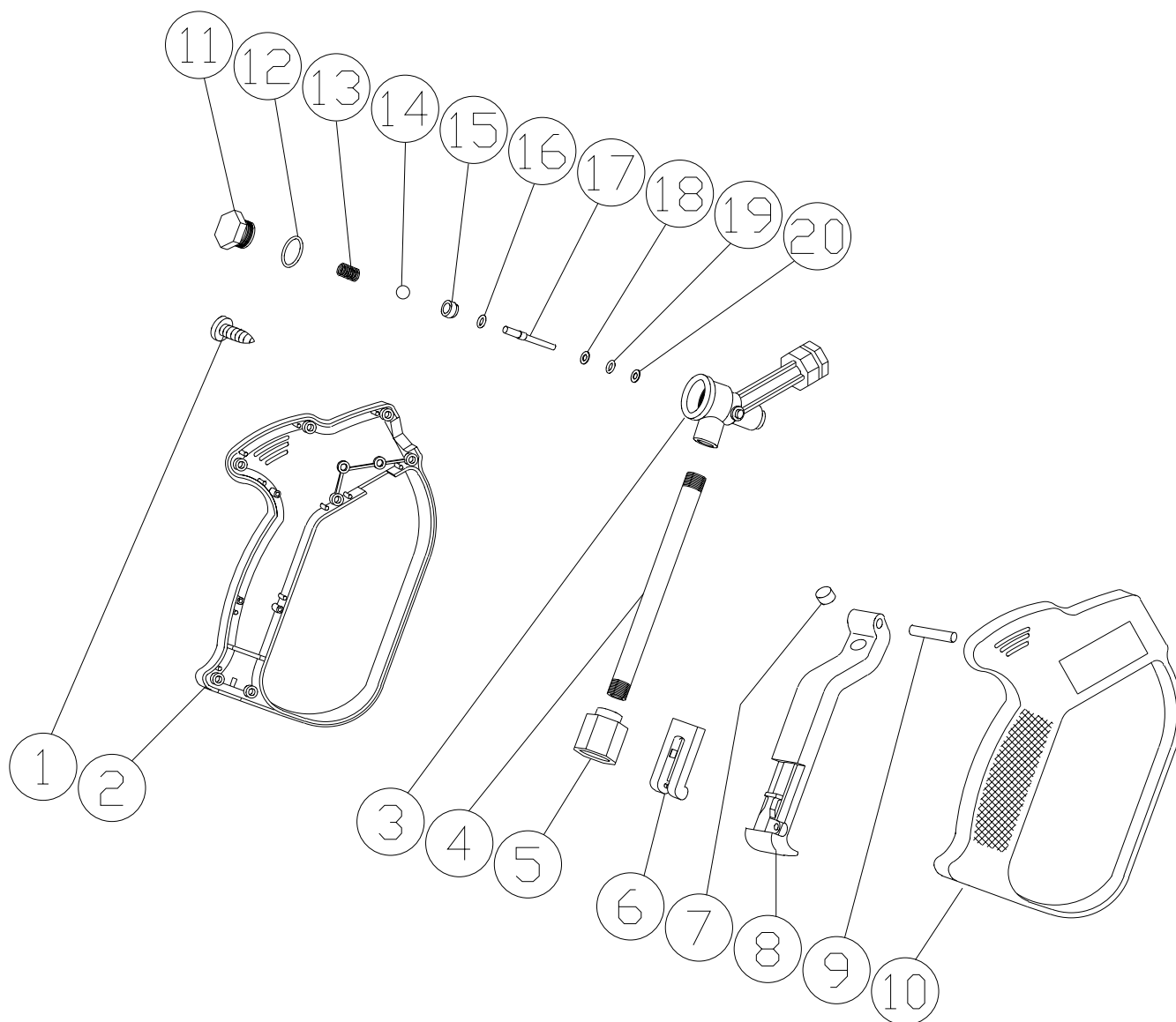
UNLOADER ASSEMBLY (8-0316)



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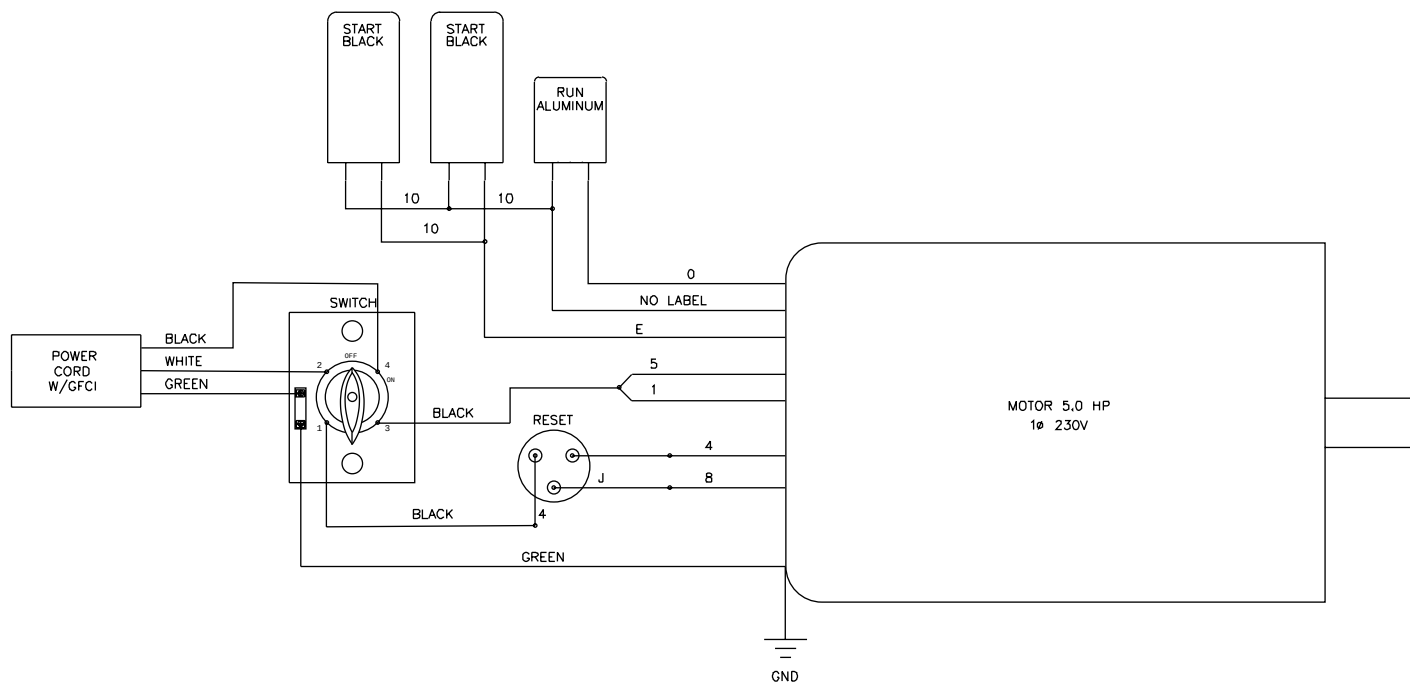
UNLOADER ASSEMBLY (8-0316)								
REF. #	DESCRIPTION	PART #	QTY.		REF. #	DESCRIPTION	PART #	QTY.
1	Screw	27-8409	1		21	Ball	8-0201	2
2	Nut	30-3024	1		22	O-ring	25-0160	1
3	Pressure Regulating Knob	7-0050	1		23	Cap-Brass	39-0039	1
4	Spring Guide	8-0332	1		24	Thermo Valve	22-0148	1
5	Spring	49-0047	1		25	Fixing Screw	8-0333	1
6	Valve Body	8-0218	1		26	O-ring	25-0053	1
7	O-ring	25-0231	1		27	Inlet Body-Aluminum	46-0242	1
8	Fixing Screw	8-0224	1		28	Washer-Aluminum	28-0601	1
9	Back-up Ring	25-0137	1		29	O-ring	25-0161	4
10	O-ring	25-0138	2		30	By-pass Tube-Brass	8-0223	1
11	Washer	28-0209	2		31	Cap-Brass	39-0040	1
12	Pin	43-0051	1		32	O-ring	25-0136	1
13	Piston Guide	8-0219	1		33	Valve Guide	8-0225	1
14	Spring	49-0049	1		34	Spring	49-0046	1
15	O-ring	25-0163	1		35	Washer	28-0600	1
16	Drive Piston	8-0220	1		36	O-ring	25-0051	1
17	O-ring	25-0050	2		37	Nipple-Brass	8-0130	1
18	Back-up Ring	8-0284	1		38	Cap-Brass	39-0042	1
19	Valve Seat	8-0221	1			Unloader Repair Kit (Inc. 5, 7, 9, 10, 14, 15, 17-22, 25, 28, 31-33)	70-0020	1
20	O-ring	25-0159	1					

GUN ASSEMBLY (16-0191)

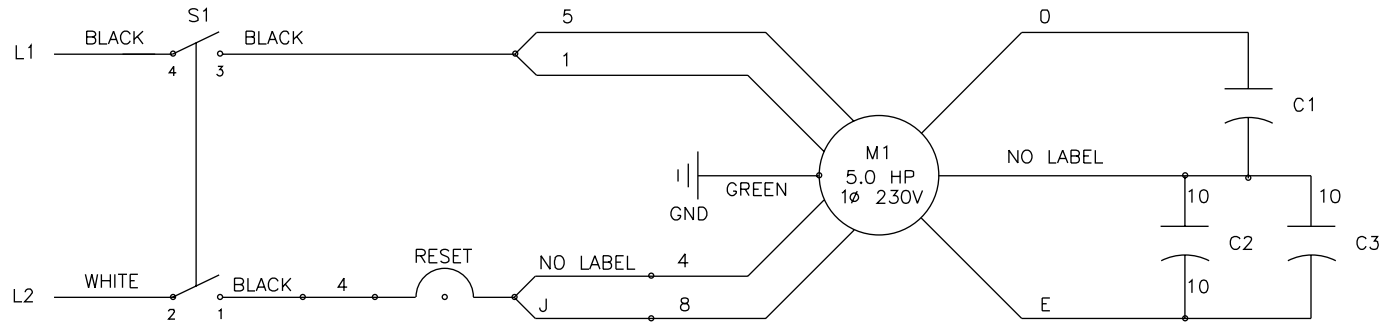


GUN ASSEMBLY (16-0191)			
REF. #	DESCRIPTION	PART #	QTY.
1	Screw	27-8382	7
2	Plastic Housing (Left side)	16-0336	1
3	Housing-Brass	23-0295	1
4	Pipe	21-0095	1
5	Nipple	23-0174	1
6	Trigger Safety Lock	16-0332	1
7	Trigger Rest	16-0333	1
8	Trigger	16-0335	1
9	Trigger Pin	43-0069	1
10	Plastic Housing (Right Side)	16-0334	1
11	Plug	23-0175	1
12	O-ring	25-0267	1
13	Spring (See Kit 70-0057)	N/A Sep.	1
14	Ball (See Kit 70-0057)	N/A Sep.	1
15	Seat (See Kit 70-0057)	N/A Sep.	1
16	O-ring (See Kit 70-0057)	N/A Sep.	1
17	Pin (See Kit 70-0057)	N/A Sep.	1
18	Washer (See Kit 70-0057)	N/A Sep.	1
19	O-ring (See Kit 70-0057)	N/A Sep.	1
20	Back-up Ring (See Kit 70-0057)	N/A Sep.	1
	Gun Repair Kit (Includes 11-20)	70-0057	

WIRING DIAGRAM FOR CW-2004-1ME1

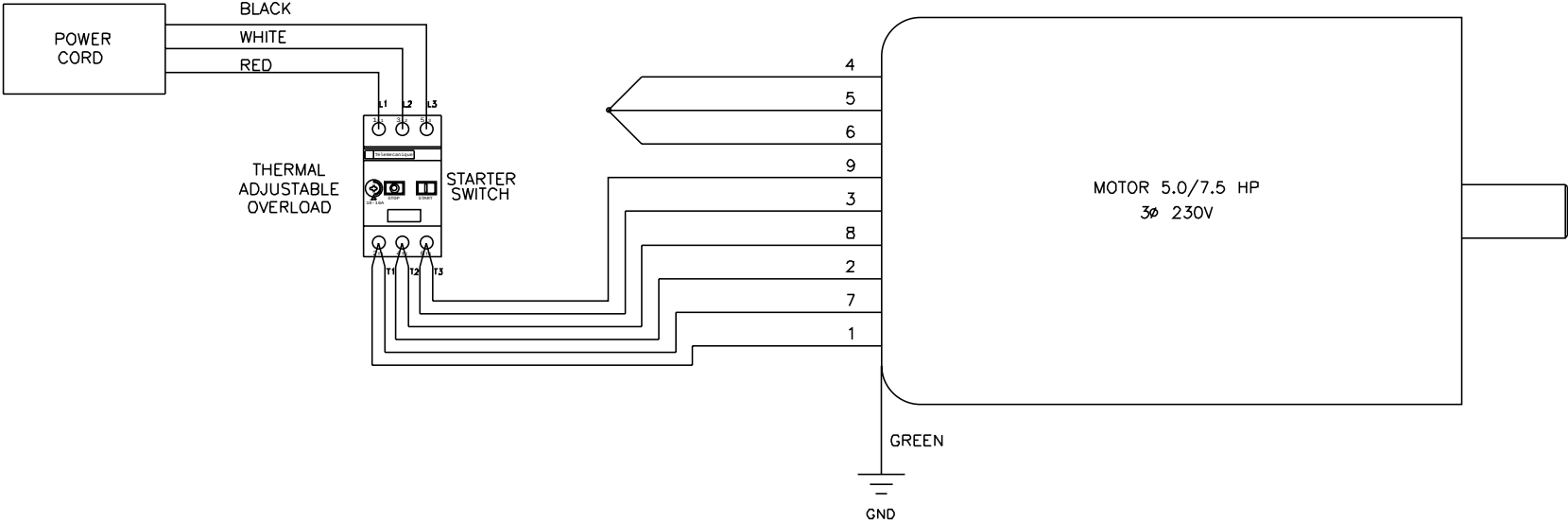


SCHEMATIC FOR CW-2004-1ME1



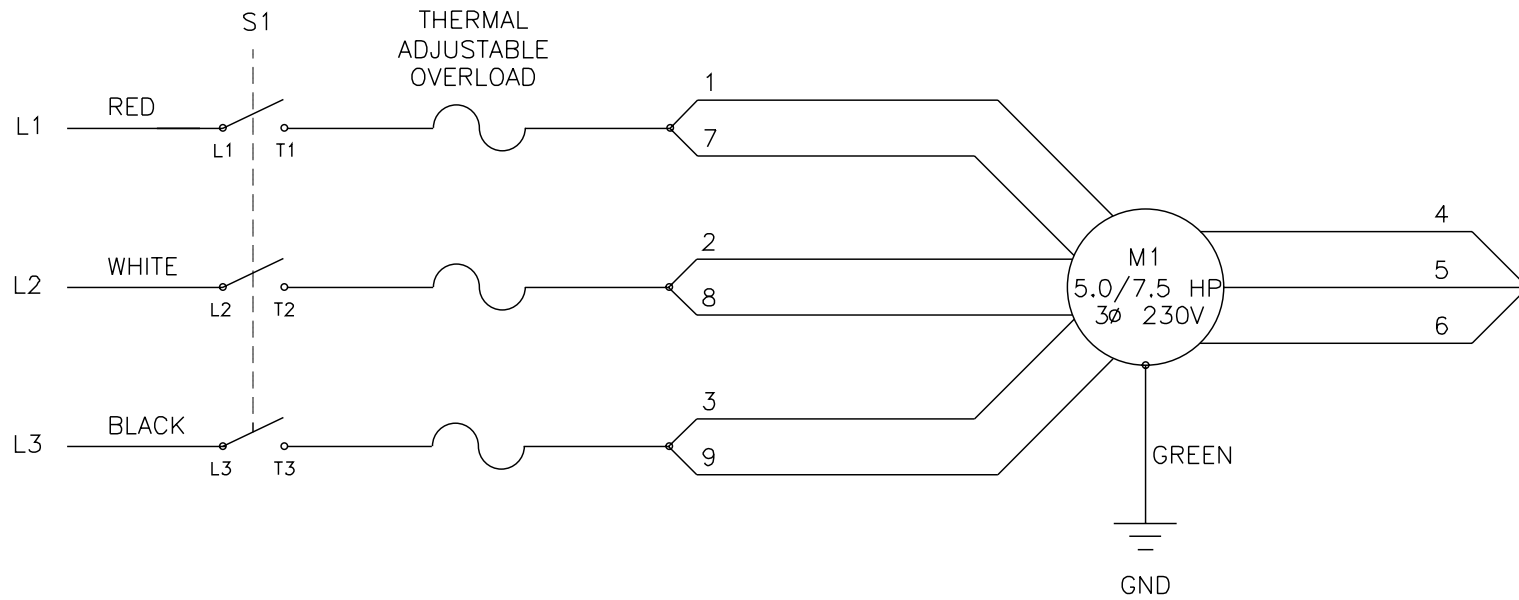
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WIRING DIAGRAM FOR CW-2004-1ME3 (230V)



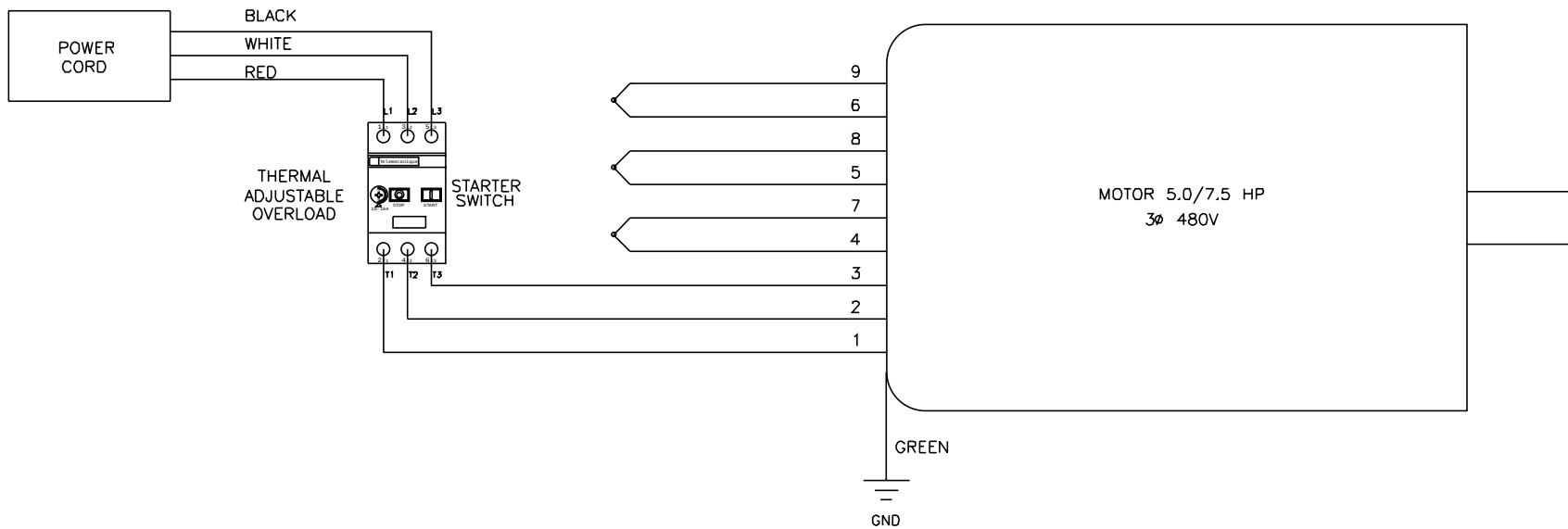
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SCHEMATIC FOR CW-2004-1ME3 (230V)



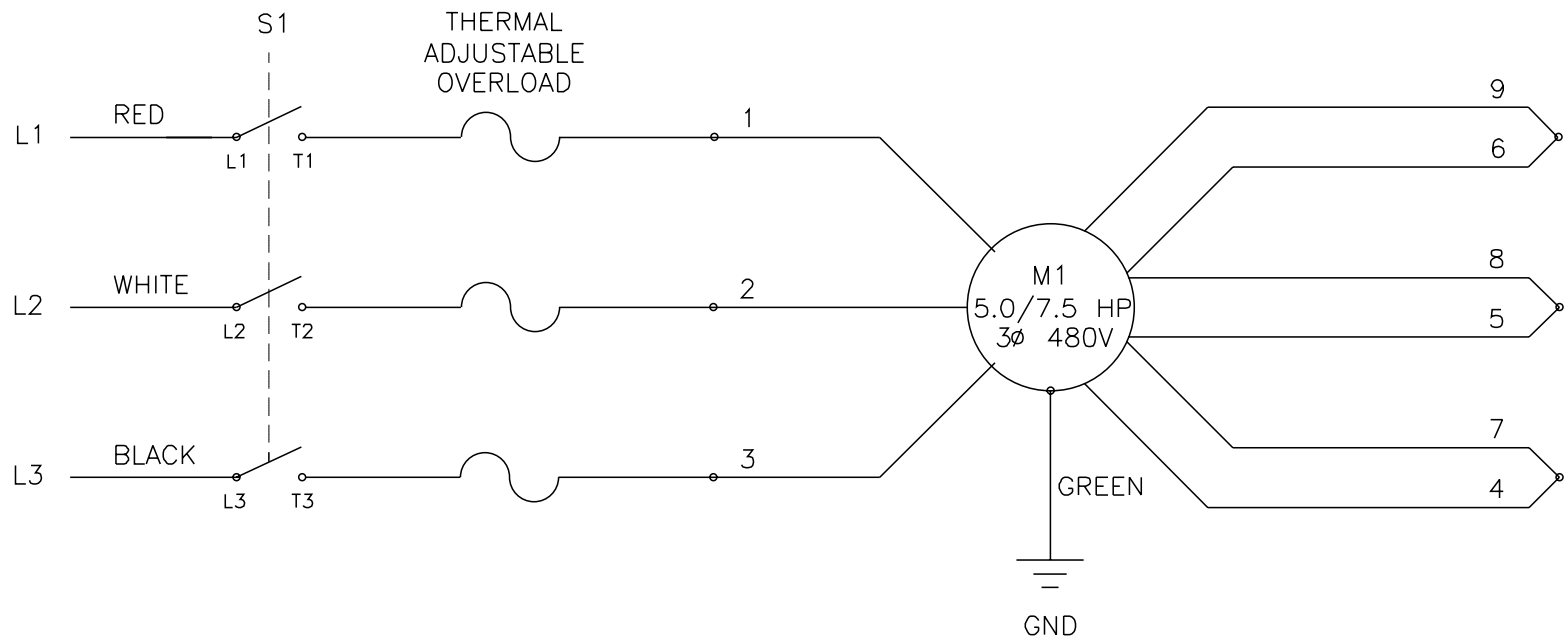
PDCW0108 / 063095DCE

WIRING DIAGRAM FOR CW-2004-1ME3 (480V) CX-0002 OPTION



PDCW0109 / 063095DCE

SCHEMATIC FOR CW-2004-1ME3 (480V) CX-0002 OPTION



PDCW0109 / 063095DCE

