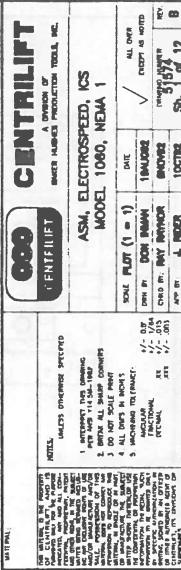


## REVISION STATUS OF SHEETS

REVISIONS

REV	DESCRIPTION	DATE APPROVED	PCN NO.
A	RELEASED	10CT92	JERALD RIDER
B	CHG 514, 515, TO 76 ON SHT 2	25MAR93	J.M. LEUTHEN



1060  
NEMA

## ICS 1060 NEMA 1

SEQ NO	P/N	ITEM DESCRIPTION	SHEET	QTY	BOM	PD	BOM DESC	STD REV
21	51616	HTSNK,INV,ICS,1N1	2	1.000	EA	N	111	
23	85332	MDL,TRANSISTOR	2	3.000	EA	N	111	
26	47557	SWITCH,THERMAL	2	1.000	EA	Y	111	
34	85017	WSHR,LOCK,INT STAR,#8	2	12.000	EA	Y	111	
47	85022	WSHR,LOCK,INT STAR,NO.6	2	2.000	EA	Y	111	
52	85002	WSHR,FLAT,1/4,STEEL	2	3.000	EA	Y	111	
53	85007	WSHR,LOCK,HLCL,1/4	2	4.000	EA	Y	111	
53	85007	WSHR,LOCK,HLCL,1/4	2	7.000	EA	Y	111	
54	85006	NUT,HEX,1/4-20,STEEL	2	4.000	EA	Y	111	
69	85001	BOLT,HH,1/4-20X5/8	2	3.000	EA	Y	111	
73	88126	CMPD,THERMAL COND	2	0.100	OZ	Y	111	
75	88818	SCREW,SHCS,8-32x1/2	2	12.000	EA	Y	111	
76	88469	SCREW,SHCS,6MM-1X20MM	2	6.000	EA	Y	111	
81	88643	BAR, XSTR BUS, 4000	2	2.000	EA	N	111	
83	85776	SCREW,BHMS,4-40X3/8	2	2.000	EA	Y	111	
84	87560	WSHR,LOCK,HLCL,#4	2	2.000	EA	Y	111	
501	51620	BAR,BUS,NEG,INV/CNV,ICS,1N1	2	1.000	EA	N	111	
541	85566	SPCR, 0.250" LONG	2	2.000	EA	Y	111	
542	85039	BOLT,1/4-20X1 1/4	2	2.000	EA	Y	111	
543	51621	STDF,1/4HEX,6-32x2.5,M/F	2	2.000	EA	Y	111	

B

## ICS 1060 NEMA 1

SEQ NO	P/N	ITEM DESCRIPTION	SHEET	QTY	UOM	PD	BOM DESC	STD REV
22	51617	MDL,SCR,92 AMP AVG,DVAC	3	3.000	EA	N	111	
25	51618	XFMR,CURRENT,313:1	3	3.000	EA	N	111	
33	85294	SCREW,SHCS,8-32X3/8	3	6.000	EA	Y	111	
34	85017	WSHR,LOCK,INT STAR,#8	3	14.000	EA	Y	111	
35	85019	WSHR,FLAT,#8	3	6.000	EA	Y	111	B
40	85004	WSHR,FLAT,#10	3	6.000	EA	Y	111	B
40	85004	WSHR,FLAT,#10	3	3.000	EA	Y	111	
41	30437	WSHR,LOCK,HLCL,#10	3	9.000	EA	Y	111	
47	85022	WSHR,LOCK,INT STAR,NO.6	3	7.000	EA	Y	111	
47	85022	WSHR,LOCK,INT STAR,NO.6	3	7.000	EA	Y	111	
52	85002	WSHR,FLAT,1/4,STEEL	3	1.000	EA	Y	111	
53	85007	WSHR,LOCK,HLCL,1/4	3	2.000	EA	Y	111	
54	85006	NUT,HEX,1/4-20,STEEL	3	2.000	EA	Y	111	
66	85005	BOLT,HH,1/4-20X1	3	1.000	EA	Y	111	
69	85001	BOLT,HH,1/4-20X5/8	3	1.000	EA	Y	111	
73	88126	CMPD,THERMAL COND	3	0.100	OZ	Y	111	
74	86332	SCREW,SHCS,8-32X5/8	3	8.000	EA	Y	111	
100	47206	CONVERTER PCB	3	1.000	EA	N	111	
178	85180	SCREW,BHMS,6-32X3/8	3	2.000	EA	Y	111	
178	85180	SCREW,BHMS,6-32X3/8	3	7.000	EA	Y	111	
179	47565	DISCONNECT,#23N3666	3	2.000	EA	Y	111	
322	51624	INSUL,CONV BUS, DMD	3	1.000	EA	N	111	
358	51615	HTSNK,CNV,ICS,1N1	3	1.000	EA	N	111	
367	89052	MDL,DIODE	3	1.000	EA	N	111	
516	51623	BUS BAR,CNV,ICS,1N1	3	2.000	EA	N	111	
525	48955	SCREW,HSHCS,M5X0.8X16M,P	3	9.000	EA	Y	111	
543	51621	STDF,1/4HEX,6-32x2.5,M/F	3	5.000	EA	Y	111	

ICS 1060 NEMA 1

SEQ NO.	P/N	ITEM DESCRIPTION	SHEET	QTY	UOM	PD	BOM DESC	STD REV
1	51612	ENCL,PTD,ICS,1N1	4	1.000	EA	N	111	
33	86332	SCREW,SHCS,8-32X5/8	4	5.000	EA	Y	111	
34	85017	WSHR,LOCK,INT STAR,#8	4	7.000	EA	Y	111	
36	89025	BOLT,HH,5/16-18X34	4	2.000	EA	Y	111	
37	85011	WSHR,FLAT,5/16	4	2.000	EA	Y	111	
38	85038	WSHR,LOCK,HLCL,5/16	4	2.000	EA	Y	111	
40	85004	WSHR,FLAT,#10	4	8.000	EA	Y	111	
42	87220	NUT,NYLOC,3/8-16,LOW-PROF	4	4.000	EA	Y	111	
43	85032	WSHR,FLAT,3/8,STEEL	4	4.000	EA	Y	111	
45	85012	NUT,HEX,5/16-18,STEEL	4	2.000	EA	Y	111	
57	47424	WIRING DUCT,2X2	4	1.000	FT	Y	111	
58	47425	CVR,WIRING DUCT,2 INCH	4	1.000	FT	Y	111	
59	47426	RVTS,NYLON	4	2.000	EA	Y	111	
75	88818	SCREW,SHCS,8-32x1/2	4	2.000	EA	Y	111	
213	47710	REACTOR,LINK	4	1.000	EA	N	111	
502	51566	FAN,ICS,1N1	4	1.000	EA	N	111	
503	51613	ENCL,INDUCTOR,ICS,1N1	4	1.000	EA	N	111	
504	51614	BRKT,HTSNK,ICS,1N1	4	1.000	EA	N	111	
517	51553	NUT,KEPS,8-32 W/EXT STAR	4	2.000	EA	Y	111	
520	51555	NUT,KEPS,10-32 W/EXT STAR	4	2.000	EA	Y	111	

## ICS 1060 NEMA 1

SEQ NO	P/N	ITEM DESCRIPTION	SHEET	QTY	BOM	PD	BOM DESC	STD REV
41	30437	WSHR,LOCK,HLCL,#10	5	8.000	EA	Y	111	
52	85002	WSHR,FLAT,1/4,STEEL	5	4.000	EA	Y	111	
53	85007	WSHR,LOCK,HLCL,1/4	5	4.000	EA	Y	111	
69	85001	BOLT,HH,1/4-20X5/8	5	4.000	EA	Y	111	
72	86366	STDF,GLASTIC,1	5	2.000	EA	Y	111	
85	86413	CAP,1400 MFD,350 VDC	5	8.000	EA	N	111	
87	88453	SPCR,ALUM,MF,1/4-20	5	2.000	EA	Y	111	
198	86887	GSKT,1/4-1,ADH BACKED	5	2.000	FT	Y	111	
333	87857	RES,BLEEDER,S/A	5	8.000	EA	N	111	
505	51549	BUS BAR,CAP,ICS,1N1	5	2.000	EA	N	111	
506	51567	CLMP,CAP,ICS,1N1	5	1.000	EA	N	111	
544	85003	SCREW,BHMS,10-32x1/2	5	8.000	EA	Y	111	

ICS 1060 NEMA 1

SEQ NO.	P/N	ITEM DESCRIPTION	SHEET	QTY	UOM	PD	BOM DESC	STD REV
24	47512	CAP,3 MFD	6	2.000	EA	N	111	
34	85017	WSHR,LOCK,INT STAR,#8	6	16.000	EA	Y	111	
40	85004	WSHR,FLAT,#10	6	4.000	EA	Y	111	
112	47800	XFMR,INV SPLY,50 HZ,ICS	6	1.000	EA	N	50 HZ OPT	
112	47407	XFMR,INV SPLY,60 HZ,ICS	6	1.000	EA	N	60 HZ OPT	
114	86035	CLP,1 MFD CAP	6	2.000	EA	Y	111	
115	47370	PCB,PWR SPLY,S/A	6	1.000	EA	N	111	
116	47511	INDUCTOR,FILTER,DUAL,WIND	6	1.000	EA	N	111	
170	47843	STDF,HEX,8-32X1,MF	6	4.000	EA	Y	111	
205	47801	XFMR,LGC SPLY,50 HZ,ICS	6	1.000	EA	N	50 HZ OPT	
205	47802	XFMR,LGC SPLY,60 HZ,ICS	6	1.000	EA	N	60 HZ OPT	
350	48230	spacer,ff 8-32x3/8	6	10.000	EA	Y	111	
537	51611	SPCR,1/4"HEX,10-32x3/8,FF	6	8.000	EA	Y	111	
538	85007	WSHR,LOCK,HLCL,1/4	6	8.000	EA	Y	111	

ICS 1060 NEMA 1

SEQ NO	P/N	ITEM DESCRIPTION	SHEET	QTY	UOM	PD	BOM DESC	STD REV
27	85572	FUSE,100 AMP,500 VOLT	7	3.000	EA	N	111	
30	47999	SWITCH,321	7	1.000	EA	N	111	
34	85017	WSHR,LOCK,INT STAR,#8	7	6.000	EA	Y	111	
35	85019	WSHR,FLAT,#8	7	6.000	EA	Y	111	
47	85022	WSHR,LOCK,INT STAR,NO.6	7	2.000	EA	Y	111	
52	85002	WSHR,FLAT,1/4,STEEL	7	15.000	EA	Y	111	
53	85007	WSHR,LOCK,HLCL,1/4	7	16.000	EA	Y	111	
53	85007	WSHR,LOCK,HLCL,1/4	7	4.000	EA	Y	NO MOV OPT	
67	51564	STEM,SHAFT,VARIDEPTH,ICS,1060	7	1.000	EA	N	111	
68	47997	MECH,VARIDEPTH	7	1.000	EA	N	111	
69	85001	BOLT,HH,1/4-20X5/8	7	15.000	EA	Y	111	
72	86366	STDF,GLASTIC,1	7	6.000	EA	Y	111	
86	85045	BOLT,HH,1/4-20X1/2	7	4.000	EA	Y	NO MOV OPT	
178	85180	SCREW,BHMS,6-32X3/8	7	2.000	EA	Y	111	
179	47565	DISCONNECT,#23N3666	7	2.000	EA	Y	111	
306	89852	MOV S/A	7	1.000	EA	N	MOV OPT	
507	51565	SPCR,.5IN OD/#10x.125 LNG	7	3.000	EA	Y	111	
508	51619	BLK,TERM,TBAT70,3 POLE	7	1.000	EA	N	111	
509	51548	BUS BAR,SW,ICS,1N1	7	3.000	EA	N	111	
510	51547	BUS BAR,FUSE/CBL,ICS,1N1	7	3.000	EA	N	111	
519	51559	SCREW,SHCS,10-32x1	7	3.000	EA	Y	111	
520	51555	NUT,KEPS,10-32 W/EXT STAR	7	3.000	EA	Y	111	
521	33938	HOLE PLUG	7	1.000	EA	Y	NO MOV OPT	
523	51558	SCREW,8-32x2-1/2	7	4.000	EA	Y	111	
526	51562	INSUL,FUSE,ICS,1N1	7	1.000	EA	N	111	
539	51560	SPCR,1/4 HEX,8-32x3/4,FF	7	5.000	EA	Y	111	
540	85006	NUT,HEX,1/4-20,STEEL	7	1.000	EA	Y	111	

## ICS 1060 NEMA 1

SEQ NO	P/N	ITEM DESCRIPTION	SHEET	QTY	UOM	PD	BOM DESC	STD REV
34	85017	WSHR,LOCK,INT STAR,#8	8	34.000	EA	Y	111	
46	85020	SCREW,BHMS,6-32X1/2	8	4.000	EA	Y	111	
47	85022	WSHR,LOCK,INT STAR,NO.6	8	4.000	EA	Y	111	
78	88776	STDF,HEX,8-32X1/2,MF	8	7.000	EA	Y	111	
59	89856	INVERTER PCB	8	1.000	EA	N	111	
170	47843	STDF,HEX,8-32X1,MF	8	4.000	EA	Y	111	
191	49223	PCB S/A,ODI OIB,ICS	8	1.000	EA	N	ODI REPL	
191	47323	OPERATOR INTEFACE BD,PCB	8	1.000	EA	N	STD REPL	
192	90269	DOOR INTERFACE PCB	9	1.000	EA	N	111	
193	47371	DIGITAL CONTROL BOARD,PCB	8	1.000	EA	N	111	
326	49041	KEYPAD S/A,ODI,OIB	8	1.000	EA	N	ODI REPL	
326	48137	KEYPAD S/A	8	1.000	EA	N	STD REPL	
349	48199	BTRY,LITHIUM,3.6V	8	1.000	EA	N	111	
350	48230	spacer,ff 8-32x3/8	8	17.000	EA	Y	111	
359	47794	CBL,S/A,RIBBON,14IN	8	1.000	EA	N	111	
518	51554	NUT,KEPS,6-32 W/EXT STAR	8	4.000	EA	Y	111	
524	51561	STDF,8-32x1-1/2,M/F	8	6.000	EA	Y	111	

## ICS 1060 NEMA 1

SEQ NO	P/N	ITEM DESCRIPTION	SHEET	QTY	UOM	PD	BOM DESC	STD REV
33	85294	SCREW,SHCS,8-32X3/8	9	2.000	EA	Y	111	
34	85017	WSHR,LOCK,INT STAR,#8	9	2.000	EA	Y	111	
35	85019	WSHR,FLAT,#8	9	2.000	EA	Y	111	
52	85002	WSHR,FLAT,1/4,STEEL	9	2.000	EA	Y	111	
53	85007	WSHR,LOCK,HLCL,1/4	9	2.000	EA	Y	111	
69	85001	BOLT,HH,1/4-20X5/8	9	2.000	EA	Y	111	
159	86635	LBL,ELECTRICAL SHOCK	9	1.000	EA	N	111	
160	88547	LBL,ELECTROSPEED	9	1.000	EA	N	111	
161	86131	HDL,VARIDEPTH MECH	9	1.000	EA	N	111	
164	89822	NPL,ELECTROSPEED	9	1.000	EA	Y	111	
165	88638	RVT,BLIND,1/8X3/8	9	4.000	EA	Y	111	
198	86887	GSKT,1/4-1,ADH BACKED	9	1.000	FT	Y	111	
511	51563	GUARD,FAN,ICS,1N1	9	1.000	EA	N	111	
512	40911	DECAL,CENTRILIFT	9	1.000	EA	Y	111	

## ICS 1060 NEMA 1

SEQ NO	P/N	ITEM DESCRIPTION	SHEET	QTY	UOM	PD	BOM DESC	STD REV
0	88597	TIES,TY-RAP,TY23M,SMALL		10	20.000	EA	Y	111
0	88095	MT,TIE-WRAP,W/HOLES		10	1.000	EA	Y	111
0	86479	TIES,MED TY-WRAP		10	6.000	EA	Y	111
206	86061	TERM,RED RING,#10,CRP		10	1.000	EA	Y	111 B
238	86283	TERM,#8,RED RING		10	2.000	EA	Y	111
239	47958	CONN,KEY,PLZN		10	37.000	EA	Y	111
241	89230	WIRE,GREEN,10GA,UL		10	3.000	FT	Y	111
261	89232	WIRE,BLK,18GA		10	148.000	FT	Y	111 B
262	86346	TERM,RED,FEM DISC		10	8.000	EA	Y	111
268	47743	CONN,HSG,8 CKT		10	7.000	EA	Y	111
269	47742	CONN,HSG,5 CKT		10	2.000	EA	Y	111
270	47741	CONN,PIN		10	66.000	EA	Y	111
271	47740	CONN,HSG,2 CKT		10	2.000	EA	Y	111
272	89457	TERM,RED,PUSH-ON		10	2.000	EA	Y	111
274	86526	TERM,RING,#10,YELLOW		10	1.000	EA	Y	111
276	87052	PLUG,HSG,8 CKT		10	2.000	EA	Y	111
277	89809	SKT,CONTACT,18AWG		10	12.000	EA	Y	111
278	89236	WIRE,BL/YEL,TLW PAIR,22GA		10	14.500	FT	Y	111
289	47803	CONN,HSG,20 CKT		10	1.000	EA	Y	111
294	47959	CONN,HSG,6 CKT		10	2.000	EA	Y	111
295	47957	CONN,HSG,3 CKT		10	1.000	EA	Y	111
315	89803	BEAD, -		10	4.000	EA	Y	111
316	48232	BEAD, C		10	3.000	EA	Y	111
317	48233	BEAD, B		10	3.000	EA	Y	111
318	48234	BEAD, A		10	3.000	EA	Y	111
319	89802	BEAD, +		10	4.000	EA	Y	111
529	87688	BUTT SPLICE		10	6.000	EA	Y	111
530	51627	CONN,TERMINAL,FEMALE		10	12.000	EA	Y	111
535	86218	TERM,RING,#8,YELLOW		10	1.000	EA	Y	111
536	86337	TERM,YEL,RG,1/4		10	4.000	EA	Y	111

ICS 1060 NEMA 1

SEQ NO	P/N	ITEM DESCRIPTION	SHEET	QTY	UOM	PD	BOM DESC	STD REV
359	47794	CBL,S/A,RIBBON,14IN	11	1.000	EA	N	111	
531	51626	CBL,S/A,DCB-INV,1N1	11	1.000	EA	N	111	
532	51625	CBL,S/A,DCB-CNV,1N1	11	1.000	EA	N	111	

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1060  
NEMA

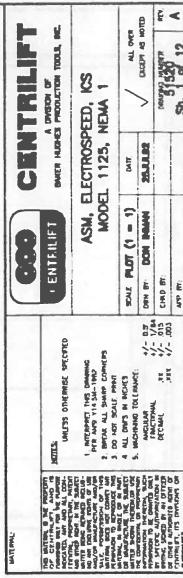
## ICS 1060 NEMA 1

SEQ NO	P/N	ITEM DESCRIPTION	SHEET	QTY	BOM	PD	BOM DESC	STD REV
187	86005	SPIRAL WRAP	12	1.000	FT	Y	111	
395	88758	LUG,#6,5/16	12	2.000	EA	Y	111	
398	49375	CORE,FERRITE	12	2.000	EA	N	111	
527	87050	LUG,#6,1/4	12	15.000	EA	Y	111	
528	88757	CBL,#6	12	26.000	FT	Y	111	

REVISION STATUS OF SHEETS

## REVISIONS

REV	RELEASED	DESCRIPTION	DATE	APPROVED	PCN NO.
A					1-3813



1125

NEMA

ICS1125 NEMA 1

SEQ No	P/N	ITEM DESCRIPTION	SHEET	QTY	BOM	PD	BOM DESC	STD REV
21	51536	HTSNK,DR PATT,ICS,VSC 1125,N1	2	3.000	EA	N	112	B
22	88565	MDL,SCR,160A,1600V	2	3.000	EA	N	112	B
23	85332	MDL,TRANSISTOR	2	6.000	EA	N	112	B
25	47419	XFMR,CURRENT,CT 2500:1	2	3.000	EA	N	112	B
26	47557	SWITCH,THERMAL	2	1.000	EA	Y	112	B
34	85017	WSHR,LOCK,INT STAR,#8	2	50.000	EA	Y	112	B
35	85019	WSHR,FLAT,#8	2	24.000	EA	Y	112	B
53	85007	WSHR,LOCK,HLCL,1/4	2	6.000	EA	Y	112	B
70	51534	INSUL,PAPER,BUS BAR,1125 N1	2	3.000	EA		112	B
73	88126	CMPD,THERMAL COND	2	0.500	OZ	Y	112	B
74	86332	SCREW,SHCS,8-32X5/8	2	16.000	EA	Y	112	B
75	88818	SCREW,SHCS,8-32x1/2	2	40.000	EA	Y	112	B
76	88469	SCREW,SHCS,6MM-1X20MM	2	6.000	EA	Y	112	B
77	51533	BUS BAR,XSTR OUT,ICS 1125,N1	2	3.000	EA	N	112	B
79	51535	BUS BAR,NEG,XSTR,1125,N1	2	3.000	EA	N	112	B
81	51532	BUS BAR,POS/OUTPT,XSTR,1125,N1	2	3.000	EA	N	112	B
82	47428	TBG,SHRK,ALPHA FIT-600-3/	2	1.000	FT	Y	112	B
83	85776	SCREW,BHMS,4-40X3/8	2	2.000	EA	Y	112	B
84	87560	WSHR,LOCK,HLCL,#4	2	2.000	EA	Y	112	B
94	48954	STDF,HEX,M5X0.8X0.88,MF	2	2.000	EA	Y	112	B
291	47915	SPCR,1/2",8-32	2	12.000	EA	Y	112	B
292	47914	SCREW,SHCS,8-32X7/8	2	12.000	EA	Y	112	B
367	89052	MDL,DIODE	2	2.000	EA	N	112	B

## ICS1125 NEMA 1

SEQ No	P/N	ITEM DESCRIPTION	SHEET	QTY	UOM	PD	BOM DESC	STD REV
37	85011	WSHR,FLAT,5/16	3	5.000	EA	Y	112	B
38	85038	WSHR,LOCK,HLCL,5/16	3	11.000	EA	Y	112	B
41	30437	WSHR,LOCK,HLCL,#10	3	2.000	EA	Y	112	B
44	85037	BOLT,HH,5/16-18x1	3	6.000	EA	Y	112	B
47	85022	WSHR,LOCK,INT STAR,NO.6	3	3.000	EA	Y	112	B
47	85022	WSHR,LOCK,INT STAR,NO.6	3	14.000	EA	Y	112	B
49	47432	SNAP NUT,SPC 37N1831(1/4-	3	2.000	EA	Y	112	B
52	85002	WSHR,FLAT,1/4,STEEL	3	6.000	EA	Y	112	B
53	85007	WSHR,LOCK,HLCL,1/4	3	9.000	EA	Y	112	B
66	85005	BOLT,HH,1/4-20X1	3	4.000	EA	Y	112	B
72	86366	STDF,GLASTIC,1	3	6.000	EA	Y	112	B
82	47428	TBG,SHRK,ALPHA FIT-600-3/	3	0.500	FT	Y	112	B
96	51528	BUS BAR,CONV,MOD 1125 N1	3	2.000	EA	N	112	B
97	51527	BRKT,MTG,CONV,PNL,ICS 1125 N1	3	1.000	EA	N	112	B
101	51526	BUS BAR,NEG,HORIZ,MOD 1125 N1	3	2.000	EA	N	112	B
102	47406	BAR,BUS,SCR,NEG	3	1.000	EA	N	112	B
103	47513	BOLT,HH,M8-1.25X20M	3	8.000	EA	Y	112	B
104	47516	LUG,OUTPUT,2000	3	3.000	EA	N	112	B
106	89116	STDF,1/4 HEX,6-32X1/2,FF	3	7.000	EA	Y	112	B
109	51525	PNL,MTG,CONV,PCB,ICS,1125,N1	3	1.000	EA	N	112	B
118	85000	BOLT,HH,1/4-20X3/4	3	3.000	EA	Y	112	B
178	85180	SCREW,BHMS,6-32X3/8	3	17.000	EA	Y	112	B
179	47565	DISCONNECT,#23N3666	3	3.000	EA	Y	112	B
303	48226	BOLT,FTHB,1/4-20X1-3/4	3	4.000	EA	Y	112	B
304	51531	INSUL,CONV BUS BAR,ICS 1125 N1	3	1.000	EA	N	112	B
305	85039	BOLT,1/4-20X1 1/4	3	2.000	EA	Y	112	B
332	86752	OXIBAN	3	0.050	OZ	Y	112	B
340	48955	SCREW,HSHCS,M5X0.8X16M,P	3	2.000	EA	Y	112	B
527	87050	LUG,#6,1/4	3	6.000	EA	Y	112	B
528	88757	CBL,#6	3	1.500	FT	Y	112	B
534	48873	CPSHDLSSS,1/4-20 X 3/4,STL	3	6.000	EA	Y	112	B
546	51635	BUS BAR,POS,XSTR/CAP DK,1125N1	3	1.000	EA	N	112	B
547	51636	BUS BAR,NEG,XSTR/CAP DK1125,N1	3	1.000	EA	N	112	B

## ICS1125 NEMA 1

SEQ No	P/N	ITEM DESCRIPTION	SHEET	QTY	UOM	PD	BOM DESC	STD REV
1	51519	ENCL,ICS MOD,1125 NEMA 1	4	1.000	EA	N	112	B
33	86332	SCREW,SHCS,8-32X5/8	4	6.000	EA	Y	112	B
34	85017	WSHR,LOCK,INT STAR,#8	4	12.000	EA	Y	112	B
36	89025	BOLT,HH,5/16-18X3+	4	2.000	EA	Y	112	B
37	85011	WSHR,FLAT,5/16	4	2.000	EA	Y	112	B
38	85038	WSHR,LOCK,HLCL,5/16	4	2.000	EA	Y	112	B
40	85004	WSHR,FLAT,#10	4	10.000	EA	Y	112	B
41	30437	WSHR,LOCK,HLCL,#10	4	8.000	EA	Y	112	B
42	87220	NUT,NYLOC,3/8-16,LOW-PROF	4	4.000	EA	Y	112	B
43	85032	WSHR,FLAT,3/8,STEEL	4	4.000	EA	Y	112	B
45	85012	NUT,HEX,5/16-18,STEEL	4	2.000	EA	Y	112	B
52	85002	WSHR,FLAT,1/4,STEEL	4	4.000	EA	Y	112	B
53	85007	WSHR,LOCK,HLCL,1/4	4	4.000	EA	Y	112	B
57	47424	WIRING DUCT,2X2	4	1.000	FT	Y	112	B
58	47425	CVR,WIRING DUCT,2 INCH	4	1.000	FT	Y	112	B
59	47426	RVTS,NYLON	4	2.000	EA	Y	112	B
66	85005	BOLT,HH,1/4-20X1	4	2.000	EA	Y	112	B
69	85001	BOLT,HH,1/4-20X5/8	4	5.000	EA	Y	112	B
72	86366	STDF,GLASTIC,1	4	2.000	EA	Y	112	B
75	88818	SCREW,SHCS,8-32x1/2	4	3.000	EA	Y	112	B
85	86413	CAP,1400 MFD,350 VDC	4	8.000	EA	N	112	B
87	88453	SPCR,ALUM,MF,1/4-20	4	2.000	EA	Y	112	B
198	86887	GSKT,1/4-1,ADH BACKED	4	2.000	FT	Y	112	B
213	85236	REACT,LINK	4	1.000	EA	N	112	B
333	87857	RES,BLEEDER,S/A	4	8.000	EA	N	112	M
502	51566	FAN,ICS,1N1	4	2.000	EA	N	112	B
503	51521	ENCL,IDCTR,ICS,VSC MOD 1125 N1	4	1.000	EA	N	112	B
504	51522	BRKT,HTSNK,ICS,VSC MOD 1125 N1	4	1.000	EA	N	112	B
505	51549	BUS BAR,CAP,ICS,1N1	4	2.000	EA	N	112	B
506	51567	CLMP,CAP,ICS,1N1	4	1.000	EA	N	112	B
517	51553	NUT,KEPS,8-32 W/EXT STAR	4	2.000	EA	Y	112	B
520	51555	NUT,KEPS,10-32 W/EXT STAR	4	2.000	EA	Y	112	B
544	85003	SCREW,BHMS,10-32x1/2	4	8.000	EA	Y	112	B

## ICS1125 NEMA 1

SEQ No	P/N	ITEM DESCRIPTION	SHEET	QTY	UOM	PD	BOM DESC	STD REV
41	30437	WSHR,LOCK,HLCL,#10		5	8.000	EA	Y 112	B
52	85002	WSHR,FLAT,1/4,STEEL		5	4.000	EA	Y 112	B
53	85007	WSHR,LOCK,HLCL,1/4		5	4.000	EA	Y 112	B
66	85005	BOLT,HH,1/4-20X1		5	2.000	EA	Y 112	B
69	85001	BOLT,HH,1/4-20X5/8		5	2.000	EA	Y 112	B
72	86366	STDF,GLASTIC,1		5	2.000	EA	Y 112	B
85	86413	CAP,1400 MFD,350 VDC		5	8.000	EA	N 112	B
87	88453	SPCR,ALUM,MF,1/4-20		5	2.000	EA	Y 112	B
198	86887	GSKT,1/4-1,ADH BACKED		5	2.000	FT	Y 112	B
333	87857	RES,BLEEDER,S/A		5	8.000	EA	N 112	M
505	51549	BUS BAR,CAP,ICS,1N1		5	2.000	EA	N 112	B
506	51567	CLMP,CAP,ICS,1N1		5	1.000	EA	N 112	B
544	85003	SCREW,BHMS,10-32x1/2		5	8.000	EA	Y 112	B

## ICS1125 NEMA 1

SEQ No	P/N	ITEM DESCRIPTION	SHEET	QTY	UOM	PD	BOM DESC	STD REV
27	88895	FUSE,200 AMP,500 VOLT	6	3.000	EA	N	112	B
30	48000	SWITCH,322	6	1.000	EA	N	112	B
47	85022	WSHR,LOCK,INT STAR,NO.6	6	2.000	EA	Y	112	B
52	85002	WSHR,FLAT,1/4,STEEL	6	12.000	EA	Y	112	B
53	85007	WSHR,LOCK,HCL,1/4	6	16.000	EA	Y	112	B
53	85007	WSHR,LOCK,HCL,1/4	6	4.000	EA	Y	112	B
67	53499	STEM,SHAFT,VARIDEPHT,ICS,1125	6	1.000	EA	N	112	B
68	47996	MECH,VARIDEPHT	6	1.000	EA	N	112	B
69	85001	BOLT,HH,1/4-20X5/8	6	12.000	EA	Y	112	B
72	86366	STDF,GLASTIC,1	6	2.000	EA	Y	112	B
86	85045	BOLT,HH,1/4-20X1/2	6	4.000	EA	Y	112	B
178	85180	SCREW,BHMS,6-32X3/8	6	2.000	EA	Y	112	B
179	47565	DISCONNECT,#23N3666	6	2.000	EA	Y	112	B
306	89852	MOV S/A	6	1.000	EA	N	112	M
509	51548	BUS BAR,SW,ICS,1N1	6	3.000	EA	N	112	B
510	51547	BUS BAR,FUSE/CBL,ICS,1N1	6	3.000	EA	N	112	B
517	51553	NUT,KEPS,8-32 W/EXT STAR	6	1.000	EA	Y	112	B
521	33938	HOLE PLUG	6	1.000	EA	Y	112	B
523	51558	SCREW,8-32x2-1/2	6	2.000	EA	Y	112	B
526	51562	INSUL,FUSE,ICS,1N1	6	1.000	EA	N	112	B
541	85566	SPCR, 0.250" LONG	6	2.000	EA	Y	112	B
545	51907	SCREW,8-32x3 3/4	6	2.000	EA	Y	112	B

## ICS1125 NEMA 1

SEQ No	P/N	ITEM DESCRIPTION	SHEET	QTY	BOM	PD	BOM DESC	STD REV
24	47512	CAP,3 MFD	7	2.000	EA	N	112	B
34	85017	WSHR,LOCK,INT STAR,#8	7	14.000	EA	Y	112	B
40	85004	WSHR,FLAT,#10	7	8.000	EA	Y	112	B
112	47800	XFMR,INV SPLY,50 HZ,ICS	7	1.000	EA	N	112	B
112	47407	XFMR,INV SPLY,60 HZ,ICS	7	1.000	EA	N	112	B
114	86035	CLP,1 MFD CAP	7	2.000	EA	Y	112	B
115	47370	PCB,PWR SPLY,S/A	7	1.000	EA	N	112	B
116	47511	INDUCTOR,FILTER,DUAL,WIND	7	1.000	EA	N	112	B
170	47843	STDF,HEX,8-32X1,MF	7	4.000	EA	Y	112	B
205	47801	XFMR,LGC SPLY,50 HZ,ICS	7	1.000	EA	N	112	B
205	47802	XFMR,LGC SPLY,60 HZ,ICS	7	1.000	EA	N	112	B
350	48230	spacer,ff 8-32x3/8	7	10.000	EA	Y	112	B
537	51611	SPCR,1/4"HEX,10-32x3/8,FF	7	8.000	EA	Y	112	B
538	85007	WSHR,LOCK,HLCL,1/4	7	8.000	EA	Y	112	B

## ICS1125 NEMA 1

SEQ No	P/N	ITEM DESCRIPTION	SHEET	QTY	UOM	PD	BOM DESC	STD REV
33	85294	SCREW,SHCS,8-32X3/8	8	4.000	EA	Y	112	B
34	85017	WSHR,LOCK,INT STAR,#8	8	4.000	EA	Y	112	B
35	85019	WSHR,FLAT,#8	8	4.000	EA	Y	112	B
52	85002	WSHR,FLAT,1/4,STEEL	8	2.000	EA	Y	112	B
53	85007	WSHR,LOCK,HCL,1/4	8	2.000	EA	Y	112	B
69	85001	BOLT,HH,1/4-20X5/8	8	2.000	EA	Y	112	B
159	86635	LBL,ELECTRICAL SHOCK	8	1.000	EA	N	112	B
160	88547	LBL,ELECTROSPEED	8	1.000	EA	N	112	B
161	86131	HDL,VARIDEPHT MECH	8	1.000	EA	N	112	B
164	89822	NPL,ELECTROSPEED	8	1.000	EA	Y	112	B
165	88638	RVT,BLIND,1/8X3/8	8	4.000	EA	Y	112	B
198	86887	GSKT,1/4-1,ADH BACKED	8	2.000	FT	Y	112	B
511	51563	GUARD,FAN,ICS,1N1	8	2.000	EA	N	112	B
512	40911	DECAL,CENTRILIFT	8	2.000	EA	Y	112	B

## ICS1125 NEMA 1

SEQ No	P/N	ITEM DESCRIPTION	SHEET	QTY	UOM	PD	BOM DESC	STD REV
34	85017	WSHR,LOCK,INT STAR,#8	9	34.000	EA	Y	112	B
46	85020	SCREW,BHMS,6-32X1/2	9	4.000	EA	Y	112	B
47	85022	WSHR,LOCK,INT STAR,NO.6	9	4.000	EA	Y	112	B
78	88776	STDF,HEX,8-32X1/2,MF	9	7.000	EA	Y	112	B
99	89856	INVERTER PCB	9	1.000	EA	N	112	B
170	47843	STDF,HEX,8-32X1,MF	9	4.000	EA	Y	112	B
191	49223	PCB S/A,ODI OIB,ICS	9	1.000	EA	N	112	B
191	47323	OPERATOR INTERFACE BD,PCB	9	1.000	EA	N	112	B
192	90269	DOOR INTERFACE PCB	9	1.000	EA	N	112	B
193	47371	DIGITAL CONTROL BOARD,PCB	9	1.000	EA	N	112	B
326	49041	KEYPAD S/A,ODI,OIB	9	1.000	EA	N	112	M
326	48137	KEYPAD S/A	9	1.000	EA	N	112	B
349	48199	BTRY,LITHIUM,3.6V	9	1.000	EA	N	112	B
350	48230	spacer,ff 8-32x3/8	9	17.000	EA	Y	112	M
359	47794	CBL,S/A,RIBBON,14IN	9	1.000	EA	N	112	B
518	51554	NUT,KEPS,6-32 W/EXT STAR	9	4.000	EA	Y	112	B
524	51561	STDF,8-32x1-1/2,M/F	9	6.000	EA	Y	112	B

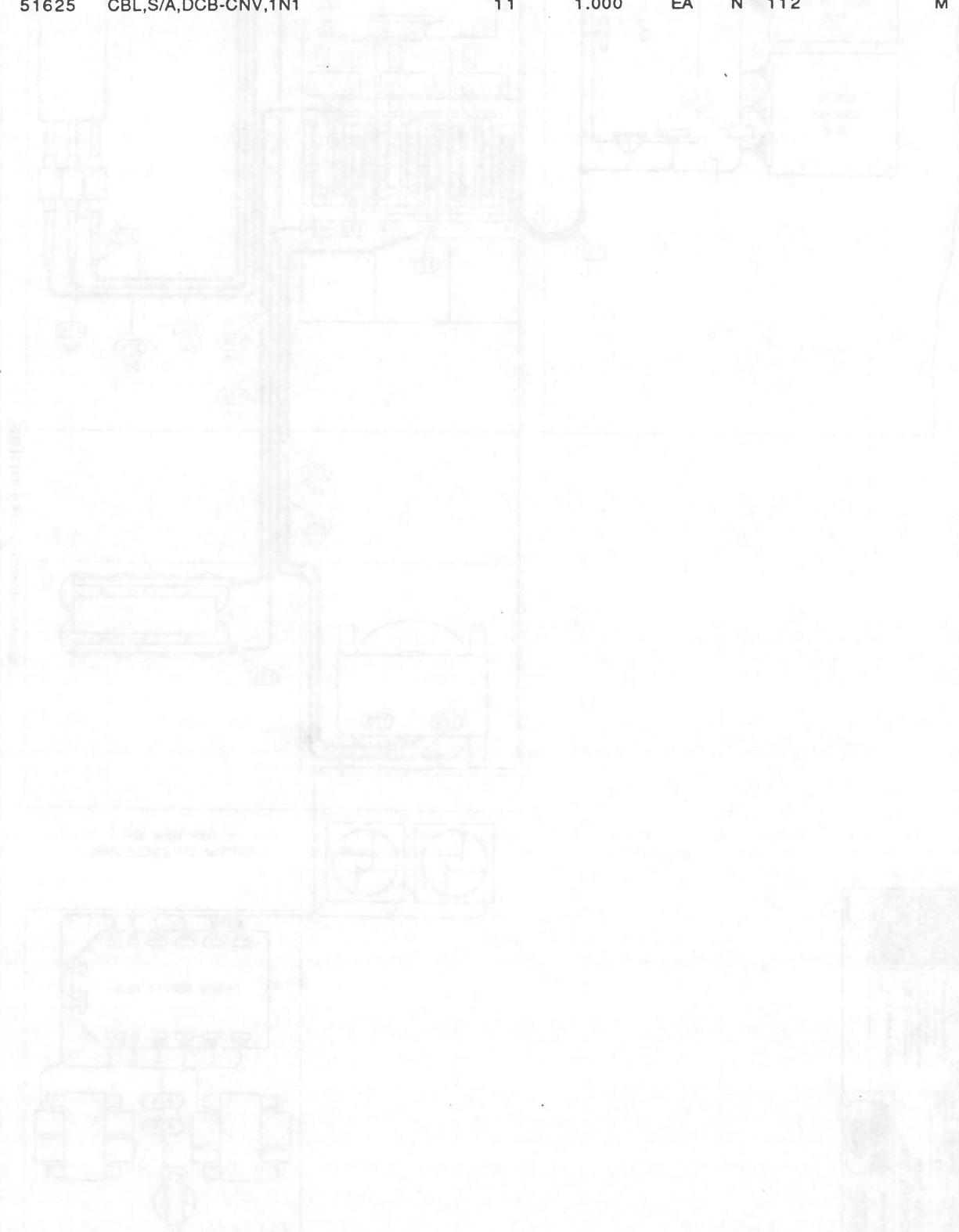
## ICS1125 NEMA 1

SEQ No	P/N	ITEM DESCRIPTION	SHEET	QTY	UOM	PD	BOM DESC	STD REV
0	88597	TIES,TY-RAP,TY23M,SMALL	10	20.000	EA	Y	112	B
0	88095	MT,TIE-WRAP,W/HOLES	10	5.000	EA	Y	112	B
0	86479	TIES,MED TY-WRAP	10	6.000	EA	Y	112	B
206	86061	TERM,RED RING,#10,CRP	10	2.000	EA	Y	112	B
238	86283	TERM,#8,RED RING	10	2.000	EA	Y	112	B
239	47958	CONN,KEY,PLZN	10	38.000	EA	Y	112	B
241	89233	WIRE,GREEN,18GA	10	3.000	FT	Y	112	B
261	89232	WIRE,BLK,18GA	10	155.000	FT	Y	112	B
262	86346	TERM,RED,FEM DISC	10	9.000	EA	Y	112	B
268	47743	CONN,HSG,8 CKT	10	7.000	EA	Y	112	B
269	47742	CONN,HSG,5 CKT	10	2.000	EA	Y	112	B
270	47741	CONN,PIN	10	69.000	EA	Y	112	B
271	47740	CONN,HSG,2 CKT	10	2.000	EA	Y	112	B
272	89457	TERM,RED,PUSH-ON	10	5.000	EA	Y	112	B
276	87052	PLUG,HSG,8 CKT	10	2.000	EA	Y	112	B
277	89809	SKT,CONTACT,18AWG	10	12.000	EA	Y	112	B
278	89236	WIRE,BL/YEL,TLW PAIR,22GA	10	13.000	FT	Y	112	B
289	47803	CONN,HSG,20 CKT	10	1.000	EA	Y	112	B
294	47959	CONN,HSG,6 CKT	10	2.000	EA	Y	112	B
295	47957	CONN,HSG,3 CKT	10	2.000	EA	Y	112	B
313	88747	TERM (SCR)	10	12.000	EA	Y	112	B
315	89803	BEAD, -	10	4.000	EA	Y	112	B
316	48232	BEAD, C	10	3.000	EA	Y	112	B
317	48233	BEAD, B	10	3.000	EA	Y	112	B
318	48234	BEAD, A	10	3.000	EA	Y	112	B
319	89802	BEAD, +	10	4.000	EA	Y	112	B
529	87688	BUTT SPLICER	10	6.000	EA	Y	112	B
536	88099	TERM,5/16 BLUE RING	10	3.000	EA	Y	112	B

## ICS1125 NEMA 1

SEQ No	P/N	ITEM DESCRIPTION	SHEET	QTY	BOM	PD	BOM DESC	STD REV
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359	47794	CBL,S/A,RIBBON,14IN	11	1.000	EA	N	112	M
531	51626	CBL,S/A,DCB-INV,1N1	11	1.000	EA	N	112	M
532	51625	CBL,S/A,DCB-CNV,1N1	11	1.000	EA	N	112	M

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NEMA

## ICS1125 NEMA 1

SEQ No	P/N	ITEM DESCRIPTION	SHEET	QTY	UOM	PD	BOM DESC	STD REV
173	88160	LUG,2/0,5/16 STUD SIZE	12	12.000	EA	Y	112	B
174	88146	CABLE,1/0,HYPALON	12	25.000	FT	Y	112	B
187	86005	SPIRAL WRAP	12	1.000	FT	Y	112	B
398	49375	CORE,FERRITE	12	2.000	EA	N	112	B

1125  
NEMA

REVISED

REVISION STATUS OF SHEETS



**CENTRILIFT**  
A DIVISION OF  
BAUDER HUGHES PRODUCTION TOOLS, INC.

CONTINUUM

## ICS 2000 NEMA 1

SEQ No	P/N	ITEM DESCRIPTION	SHEET	CITY	UOM	PO	BOMDESC	STD REV
17	48227	SCREW,CPSHLSS,1/4-20X1.5	2	2.000	EA	Y	COMMON	
21	48474	HT SINK,DR PATT,ICS,2N1	2	3.000	EA	N	COMMON	
22	88565	MDL,SCR,160A,1600V	2	3.000	EA	N	121/122	
22	88465	MDL,SCR,250A,1600V	2	3.000	EA	N	123/124	
23	85332	MDL,TRANSISTOR	2	3.000	EA	N	121	
23	85332	MDL,TRANSISTOR	2	6.000	EA	N	122	
23	85332	MDL,TRANSISTOR	2	9.000	EA	N	123	
23	85332	MDL,TRANSISTOR	2	12.000	EA	N	124	
25	47419	XFMR,CURRENT,CT 2500:1	2	3.000	EA	N	COMMON	
26	47557	SWITCH,THERMAL	2	1.000	EA	Y	COMMON	
34	85017	WSHR,LOCK,INT STAR,#8	2	38.000	EA	Y	121	
34	85017	WSHR,LOCK,INT STAR,#8	2	50.000	EA	Y	122	
34	85017	WSHR,LOCK,INT STAR,#8	2	64.000	EA	Y	123	
34	85017	WSHR,LOCK,INT STAR,#8	2	76.000	EA	Y	124	
35	85019	WSHR,FLAT,#8	2	26.000	EA	Y	121/122	
35	85019	WSHR,FLAT,#8	2	28.000	EA	Y	123/124	
38	85038	WSHR,LOCK,HLCL,5/16	2	3.000	EA	Y	121/124	
47	85022	WSHR,LOCK,INT STAR,NO.6	2	3.000	EA	Y	COMMON	
53	85007	WSHR,LOCK,HLCL,1/4	2	9.000	EA	Y	121	
53	85007	WSHR,LOCK,HLCL,1/4	2	1.000	EA	Y	121/124	
53	85007	WSHR,LOCK,HLCL,1/4	2	18.000	EA	Y	122	
53	85007	WSHR,LOCK,HLCL,1/4	2	27.000	EA	Y	123	
53	85007	WSHR,LOCK,HLCL,1/4	2	36.000	EA	Y	124	
66	85005	BOLT,HH,1/4-20X1	2	1.000	EA	Y	COMMON	
70	47350	DMD INSULATING PAPER	2	3.000	EA	Y	COMMON	
71	88457	SCREW,SHSS,1/4-20x1/2	2	3.000	EA	Y	COMMON	
72	86366	STDF,GLASTIC,1	2	3.000	EA	Y	121/124	
72	86366	STDF,GLASTIC,1	2	2.000	EA	Y	121/124	
73	88126	CMPD,THERMAL COND	2	0.200	OZ	Y	COMMON	
74	86332	SCREW,SHCS,8-32X5/8	2	12.000	EA	Y	COMMON	
75	88818	SCREW,SHCS,8-32x1/2	2	26.000	EA	Y	121	
75	88818	SCREW,SHCS,8-32x1/2	2	38.000	EA	Y	122	
75	88818	SCREW,SHCS,8-32x1/2	2	52.000	EA	Y	123	
75	88818	SCREW,SHCS,8-32x1/2	2	64.000	EA	Y	124	
76	88469	SCREW,SHCS,6MM-1X20MM	2	9.000	EA	Y	121	
76	88469	SCREW,SHCS,6MM-1X20MM	2	18.000	EA	Y	122	
76	88469	SCREW,SHCS,6MM-1X20MM	2	27.000	EA	Y	123	
76	88469	SCREW,SHCS,6MM-1X20MM	2	36.000	EA	Y	124	
77	48198	BAR,POS/OUT,XSTR,BUS	2	3.000	EA	N	COMMON	
79	48191	BAR,NEG,XSTR,BUS	2	3.000	EA	N	COMMON	
80	47464	BAR,SCR,BUS	2	3.000	EA	N	COMMON	
81	47366	BAR,POS/OUT,XSTR,BUS	2	3.000	EA	N	COMMON	
82	47428	TBG,SHRK,ALPHA FIT-600-3/	2	1.130	FT	Y	COMMON	
83	85776	SCREW,BHMS,4-40X3/8	2	2.000	EA	Y	COMMON	
84	87560	WSHR,LOCK,HLCL,#4	2	2.000	EA	Y	COMMON	
94	48954	STDF,HEX,M5X0.8X0.88,MF	2	1.000	EA	Y	121/122	
94	48954	STDF,HEX,M5X0.8X0.88,MF	2	2.000	EA	Y	123/124	
103	47513	BOLT,HH,M8-1.25X20M	2	3.000	EA	Y	COMMON	
178	85180	SCREW,BHMS,6-32X3/8	2	3.000	EA	Y	COMMON	
179	47565	DISCONNECT,#23N3666	2	3.000	EA	Y	COMMON	
291	47915	SPCR,1/2',8-32	2	12.000	EA	Y	COMMON	
292	47914	SCREW,SHCS,8-32X7/8	2	12.000	EA	Y	COMMON	
325	86560	CMPD,LOCTITE 262 OR 271	2	0.010	OZ	Y	COMMON	
329	48291	SPCR, 0.375" LONG	2	2.000	EA	Y	COMMON	
341	89052	MDL,DIODE	2	1.000	EA	N	121	
341	89052	MDL,DIODE	2	2.000	EA	N	122/124	

B

## ICS 2000 NEMA 1

SEQ No.	P/N	ITEM DESCRIPTION	QTY	UOM	PC	BOMDESC	STD REV
			SHEET	CITY			
0	48873	CPSHDLSSS,1/4-20 X 3/4,STL	3	2.000	EA	Y COMMON	B
14	85566	SPCR, 0.250" LONG	3	6.000	EA	Y COMMON	
27	85572	FUSE,100 AMP,500 VOLT	3	3.000	EA	N 121	
27	88895	FUSE,200 AMP,500 VOLT	3	3.000	EA	N 122	
27	88896	FUSE,300 AMP,500 VOLT	3	3.000	EA	N 123	
27	88897	FUSE,400 AMP,500 VOLT	3	3.000	EA	N 124	
37	85011	WSHR,FLAT,5/16	3	10.000	EA	Y 121	B
37	85011	WSHR,FLAT,5/16	3	16.000	EA	Y 122/124	
38	85038	WSHR,LOCK,HLCL,5/16	3	25.000	EA	Y 121/122	B
38	85038	WSHR,LOCK,HLCL,5/16	3	26.000	EA	Y 123/124	B
41	30437	WSHR,LOCK,HLCL,#10	3	1.000	EA	Y 121/122	
41	30437	WSHR,LOCK,HLCL,#10	3	2.000	EA	Y 123/124	
44	85037	BOLT,HH,5/16-18x1	3	16.000	EA	Y 121/124	B
47	85022	WSHR,LOCK,INT STAR,NO.6	3	4.000	EA	Y COMMON	
47	85022	WSHR,LOCK,INT STAR,NO.6	3	30.000	EA	Y COMMON	
49	47432	SNAP NUT,SPC 37N1831(1/4-	3	10.000	EA	Y COMMON	
52	85002	WSHR,FLAT,1/4,STEEL	3	12.000	EA	Y 121	B
52	85002	WSHR,FLAT,1/4,STEEL	3	12.000	EA	Y 122/124	B
53	85007	WSHR,LOCK,HLCL,1/4	3	26.000	EA	Y 121/124	B
53	85007	WSHR,LOCK,HLCL,1/4	3	6.000	EA	Y COMMON	
54	85006	NUT,HEX,1/4-20,STEEL	3	5.000	EA	Y COMMON	B
59	47426	RVTS,NYLON	3	2.000	EA	Y COMMON	
66	85005	BOLT,HH,1/4-20X1	3	6.000	EA	Y COMMON	
66	85005	BOLT,HH,1/4-20X1	3	9.000	EA	Y COMMON	
69	85001	BOLT,HH,1/4-20X5/8	3	2.000	EA	Y 121/124	B
72	86366	STDF,GLASTIC,1	3	7.000	EA	Y 121/124	
82	47428	TBG,SHRK,ALPHA FIT-600-3/	3	0.370	FT	Y COMMON	
96	88659	BAR,BUS,CONV	3	2.000	EA	N COMMON	
97	47436	BRKT,MTG,PCB PNL	3	2.000	EA	N COMMON	
98	47463	BAR,FUSE BUS	3	3.000	EA	N COMMON	
99	89856	INVERTER PCB	3	1.000	EA	N COMMON	
100	47206	CONVERTER PCB	3	1.000	EA	N COMMON	
101	47365	BAR,BUS,NEG,HORIZ	3	2.000	EA	N COMMON	
102	47406	BAR,BUS,SCR,NEG	3	1.000	EA	N COMMON	
103	47513	BOLT,HH,M8-1.25X20M	3	7.000	EA	Y 121/122	
103	47513	BOLT,HH,M8-1.25X20M	3	8.000	EA	Y 123/124	
104	47516	LUG,OUTPUT,2000	3	3.000	EA	N 121/122	
104	47517	LUG,OUTPUT,2000	3	3.000	EA	N 123/124	
106	89116	STDF,1/4 HEX,6-32X1/2,FF	3	14.000	EA	Y COMMON	
107	85163	SCREW,BHMS,6-32X1/4	3	12.000	EA	Y COMMON	
109	47677	PNL,MTG,PCB,CONVERTER	3	1.000	EA	N COMMON	
110	47676	PNL,MTG,PCB,INVERTER	3	1.000	EA	N COMMON	
118	85000	BOLT,HH,1/4-20X3/4	3	3.000	EA	Y COMMON	
178	85180	SCREW,BHMS,6-32X3/8	3	16.000	EA	Y COMMON	
179	47565	DISCONNECT,#23N3666	3	2.000	EA	Y COMMON	
303	48226	BOLT,FTHB,1/4-20X1-3/4	3	3.000	EA	Y COMMON	
304	88965	DMD, CONV INSULATOR	3	1.000	EA	Y COMMON	
305	85039	BOLT,1/4-20X1 1/4	3	3.000	EA	Y COMMON	B
332	86752	OXIBAN	3	0.010	OZ	Y COMMON	
336	48293	BRACE,BUS BAR,ICS,321	3	1.000	EA	N 121	
340	48955	SCREW,HSHCS,M5X0.8X16M,P	3	1.000	EA	Y 121/122	
340	48955	SCREW,HSHCS,M5X0.8X16M,P	3	2.000	EA	Y 123/124	
374	89039	COV,WIREWAY,1X1 1/2	3	1.330	FT	Y COMMON	B
375	89038	DUCT,WIREWAY,1X1-1/2\	3	1.330	FT	Y COMMON	B
401	49530	STDF,.313-18,.25-20x1.00	3	2.000	EA	Y COMMON	
402	49529	SHLD,OUTPUT TERM,ICS,2000	3	1.000	EA	N COMMON	

## ICS 2000 NEMA 1

SEQ NO	P/N	ITEM DESCRIPTION	SHEET	QTY	UCM	PD	BOMDESC	STD REV
5	48475	PNL,CAP,ICS,2N1	4	1.000	EA	N	COMMON	
40	85004	WSHR,FLAT,#10	4	16.000	EA	Y	121	
40	85004	WSHR,FLAT,#10	4	32.000	EA	Y	122	
52	85002	WSHR,FLAT,1/4,STEEL	4	2.000	EA	Y	121/122	
53	85007	WSHR,LOCK,HLCI,1/4	4	10.000	EA	Y	121/122	
54	85006	NUT,HEX,1/4-20,STEEL	4	2.000	EA	Y	COMMON	
72	86366	STDF,GLASTIC,1	4	4.000	EA	Y	121/122	
85	86413	CAP,1400 MFD,350 VDC	4	8.000	EA	N	121	
85	86413	CAP,1400 MFD,350 VDC	4	16.000	EA	N	122	
86	85045	BOLT,HH,1/4-20X1/2	4	8.000	EA	Y	121/122	
88	48148	CLP,CAP,SIDE,ICS,2N3	4	2.000	EA	N	COMMON	
118	85000	BOLT,HH,1/4-20X3/4	4	2.000	EA	Y	COMMON	
198	86887	GSKT,1/4-1,ADH BACKED	4	3.800	FT	Y	121/122	
333	87857	RES,BLEEDER,S/A	4	8.000	EA	N	121	
333	87857	RES,BLEEDER,S/A	4	16.000	EA	N	122	
334	88448	BAR,BUS,BLEEDER RES	4	4.000	EA	N	121	
334	88448	BAR,BUS,BLEEDER RES	4	8.000	EA	N	122	

## ICS 2000 NEMA 1

SEQ No.	P/N	ITEM DESCRIPTION	SHEET	CITY	UOM	PO	BOMDESC	STD REV
5	48475	PNL,CAP,ICS,2N1	5	1.000	EA	N	COMMON	
40	85004	WSHR,FLAT,#10	5	48.000	EA	Y	123	
40	85004	WSHR,FLAT,#10	5	64.000	EA	Y	124	
52	85002	WSHR,FLAT,1/4,STEEL	5	5.000	EA	Y	123/124	
53	85007	WSHR,LOCK,HLCL,1/4	5	16.000	EA	Y	123/124	
54	85006	NUT,HEX,1/4-20,STEEL	5	2.000	EA	Y	COMMON	
72	86366	STDF,GLASTIC,1	5	7.000	EA	Y	123/124	
85	86413	CAP,1400 MFD,350 VDC	5	24.000	EA	N	123	
85	86413	CAP,1400 MFD,350 VDC	5	32.000	EA	N	124	
86	85045	BOLT,HH,1/4-20X1/2	5	12.000	EA	Y	123/124	
87	88453	SPCR,ALUM,MF,1/4-20	5	3.000	EA	Y	123/124	
88	48148	CLP,CAP,SIDE,ICS,2N3	5	2.000	EA	N	COMMON	
89	85262	CLP,CAP,TOP,2000	5	1.000	EA	N	123/124	
118	85000	BOLT,HH,1/4-20X3/4	5	4.000	EA	Y	COMMON	
198	86887	GSKT,1/4-1,ADH BACKED	5	7.500	FT	Y	123/124	
333	87857	RES,BLEEDER,S/A	5	24.000	EA	N	123	
333	87857	RES,BLEEDER,S/A	5	32.000	EA	N	124	
334	88448	BAR,BUS,BLEEDER RES	5	16.000	EA	N	123	
334	88448	BAR,BUS,BLEEDER RES	5	24.000	EA	N	123	

## ICS 2000 NEMA 1

SEQ No	P/N	ITEM DESCRIPTION	SHEET	QTY	UOM	PO	BOMDESC	STD REV
6	48295	PNL,CUST INT,2000	6	1.000	EA	N	COMMON	
50	47650	XFMR,CURRENT,CT	6	1.000	EA	N	AMP 321	
50	47651	XFMR,CURRENT,CT	6	1.000	EA	N	AMP 322	
50	86141	XFMR,CUR, CT,300:5	6	1.000	EA	N	AMP 323	
50	47649	XFMR,CUR,CT,	6	1.000	EA	N	AMP 324	
51	85183	BOLT,HH,1/4-20X2 1/2	6	2.000	EA	Y	AMP COMMON	
52	85002	WSHR,FLAT,1/4,STEEL	6	4.000	EA	Y	AMP COMMON	
53	85007	WSHR,LOCK,HCL,1/4	6	2.000	EA	Y	AMP COMMON	
54	85006	NUT,HEX,1/4-20,STEEL	6	2.000	EA	Y	AMP COMMON	
55	47422	DIN MTG TRACK	6	1.000	FT	Y	COMMON	
56	47423	SNAP TRACK,4 INCH	6	2.000	FT	Y	COMMON	
57	47424	WIRING DUCT,2X2	6	2.000	FT	Y	COMMON	
58	47425	CVR,WIRING DUCT,2 INCH	6	2.000	FT	Y	COMMON	
59	47426	RVTS,NYLON	6	9.000	EA	Y	COMMON	
60	47189	CUSTOMER INTFC BD,PCB	6	1.000	EA	N	CIB OPT	
61	47462	AUX RELAY BOARD,PCB	6	1.000	EA	N	AUX RLY OP	
62	47427	MOUNT,TY-RAP	6	1.000	EA	Y	COMMON	

## ICS 2000 NEMA 1

SEQ No	P/N	ITEM DESCRIPTION	SHEET	QTY	UCM	PO	BOMDESC	STD REV
1	48160	ENCL,ESPD,ICS,2N1	7	1.000	EA	N	COMMON	
3	89738	CLP,HT SINK,NEMA 1	7	2.000	EA	N	COMMON	
30	48096	BRKR,321	7	1.000	EA	N	BRKR,321	
30	49266	BRKR,321	7	1.000	EA	N	BRKR,322	
30	48094	BRKR,323	7	1.000	EA	N	BRKR,323	
30	49267	BRKR,323	7	1.000	EA	N	BRKR,324	
30	47999	SWITCH,321	7	1.000	EA	N	SWITCH,321	
30	48000	SWITCH,322	7	1.000	EA	N	SWITCH,322	
30	47998	SWITCH,323/324	7	1.000	EA	N	SWITCH,323	
31	49022	PLATE,COVER,CABLE ENTRY	7	1.000	EA	N	COMMON	
34	85017	WSHR,LOCK,INT STAR,#8	7	10.000	EA	Y	121/124	
35	85019	WSHR,FLAT,#8	7	8.000	EA	Y	COMMON	
39	85003	SCREW,BHMS,10-32x1/2	7	10.000	EA	Y	COMMON	
41	85138	WSHR,LOCK,HCLL,#10	7	10.000	EA	Y	COMMON	
42	87220	NUT,NYLOC,3/8-16,LOW-PROF	7	4.000	EA	Y	121/124	
43	85032	WSHR,FLAT,3/8,STEEL	7	4.000	EA	Y	121/124	
52	85002	WSHR,FLAT,1/4,STEEL	7	4.000	EA	Y	COMMON	
53	85007	WSHR,LOCK,HCLL,1/4	7	6.000	EA	Y	COMMON	
66	85005	BOLT,HH,1/4-20X1	7	6.000	EA	Y	COMMON	
67	48640	STEM,SHFT,ICS,2N1,121 SER	7	1.000	EA	N	121	
67	48473	STEM,SHFT,ICS,2N1,122 SER	7	1.000	EA	N	122	
67	48639	STEM,SHFT,ICS,2N1,123/124	7	1.000	EA	N	123/124	
68	47997	MECH,VARDEPTH	7	1.000	EA	N	121	
68	47996	MECH,VARDEPTH	7	1.000	EA	N	122	
68	47995	MECH,VARDEPTH	7	1.000	EA	N	123	
68	47995	MECH,VARDEPTH	7	1.000	EA	N	124	
75	88818	SCREW,SHCS,8-32x1/2	7	2.000	EA	Y	COMMON	
115	47370	PCB,PWR SPLY,S/A	7	1.000	EA	N	COMMON	
170	47843	STDF,HEX,8-32X1,MF	7	4.000	EA	Y	COMMON	
309	85294	SCREW,SHCS,8-32X3/8	7	4.000	EA	Y	COMMON	
340	48876	INSUL,BRKR	7	1.000	EA	N	123/124	
367	85156	SCREW,BHMS,8-32x4-1/4"	7	1.000	EA	Y	122	
373	49083	SHLD KIT,BRKR	7	1.000	EA	N	123/124	

## ICS 2000 NEMA 1

SEQ No	P/N	ITEM DESCRIPTION	SHEET	CITY	UOM	PO	BOMDESC	STD REV
2	48456	STDF,HEX,8-32X1 1/4,MF	8	4.000	EA	Y	PHD MTG	
34	85017	WSHR,LOCK,INT STAR,#8	8	22.000	EA	Y	121/124	
34	85017	WSHR,LOCK,INT STAR,#8	8	4.000	EA	Y	PHD MTG	
46	85020	SCREW,BHMS,6-32X1/2	8	4.000	EA	Y	COMMON	
47	85022	WSHR,LOCK,INT STAR,NO.6	8	6.000	EA	Y	COMMON	
54	85006	NUT,HEX,1/4-20,STEEL	8	2.000	EA	Y	COMMON	
78	88776	STDF,HEX,8-32X1/2,MF	8	6.000	EA	Y	COMMON	
166	47564	HINGE,ENCL,OPERATOR INTER	8	2.000	EA	Y	COMMON	
167	90261	DOOR,ENCL,OPERATOR INTFC	8	1.000	EA	N	COMMON	
168	47563	GROM,CONTINUOUS	8	0.700	FT	Y	COMMON	
169	89843	ENCL,OPERATOR INTFC	8	1.000	EA	N	COMMON	
170	47843	STDF,HEX,8-32X1,MF	8	16.000	EA	Y	COMMON	
189	47573	STDF,6-32X7/8,HEX,MF	8	4.000	EA	Y	COMMON	
190	85029	NUT,HEX,6-32	8	4.000	EA	Y	COMMON	
191	47323	OPERATOR INTERFACE BD,PCB	8	1.000	EA	N	COMMON	
192	90269	DOOR INTERFACE PCB	8	1.000	EA	N	COMMON	
193	47371	DIGITAL CONTROL BOARD,PCB	8	1.000	EA	N	COMMON	
194	47572	SCREW,BHMS,6-32X1/4,BLACK	8	4.000	EA	Y	COMMON	
195	85023	NUT,HEX,8-32,STEEL	8	2.000	EA	Y	COMMON	
196	48089	PLATE,LATCH,OPERATOR INTF	8	1.000	EA	N	COMMON	
197	47574	LATCH,SLAM,SOUTHCO	8	1.000		N	COMMON	
197	47574	LATCH,SLAM,SOUTHCO	8	1.000	EA	N	COMMON	
255	47337	PHD PCB,S/A	8	1.000	EA	N	PHD MTG	
293	48100	BOLT,STOVE	8	1.000	EA	Y	COMMON	
307	48153	SPCR,.31"OD X .28" LG	8	4.000		Y	COMMON	
308	48199	BTRY,LITHIUM,3.6V	8	1.000	EA	N	COMMON	
309	48230	spacer,ff 8-32x3/8	8	10.000	EA	Y	COMMON	
326	48137	KEYPAD S/A	8	1.000	EA	N	OPTION	
326	49041	KEYPAD S/A,ODI,OIB	8	1.000	EA	N	OPTION	

## ICS 2000 NEMA 1

SEQ No	P/N	ITEM DESCRIPTION	SHEET	QTY	LOC	PC	BOMDESC	STD REV
118	85000	BOLT,HH,1/4-20X3/4	10	4.000	EA	Y	COMMON	
140	47547	LIGHT,PILOT,RED	10	1.000	EA	N	OL	
141	47548	LIGHT,PILOT,GREEN	10	1.000	EA	N	RUN	
142	47549	LIGHT,PILOT,AMBER	10	1.000	EA	N	UL	
151	87891	GSKT,AMP CHART RECORDER	10	1.000	EA	N	AMP COMMON	
152	31408	RECORDER,AMP CHART	10	1.000	EA	N	AMP COMMON	
153	89684	LEGEND,OVERLOAD	10	1.000		N	OL	
153	89684	LEGEND,OVERLOAD	10	1.000	EA	N	OL	
154	48097	LEGEND,MODE 1-OFF-MODE 2	10	1.000	EA	N	MODE	
155	88919	HDL,OPERATING,ASH-GY	10	1.000	EA	N	MODE	
156	88915	OPR,PUSHBUTTON	10	1.000	EA	N	START	
157	88916	CAP,PUSHBUTTON	10	1.000	EA	N	START	
158	47747	BLK,LOGIC REED,NO	10	1.000	EA	N	MODE	
158	47747	BLK,LOGIC REED,NO	10	1.000	EA	N	START	
159	86635	LBL,ELECTRICAL SHOCK	10	1.000	EA	N	COMMON	
160	88547	LBL,ELECTROSPEED	10	1.000	EA	N	COMMON	
161	86131	HDL,VARIDEPTH MECH	10	1.000	EA	N	COMMON	
162	90212	LATCH,DOOR,STD,NEMA 1 & 3	10	2.000	EA	N	COMMON	
163	85124	NUT,NYLOC,1/4-20	10	4.000	EA	Y	COMMON	
164	89822	NPL,ELECTROSPEED	10	1.000	EA	Y	COMMON	
165	88638	RVT,BLIND,1/8X3/8	10	4.000	EA	Y	COMMON	
202	47746	OPR,3 POS	10	1.000	EA	N	MODE	
203	47748	BLK,LOGIC REED,NC	10	1.000	EA	N	MODE	
204	47618	HOLE SEAL,HOFFMAN	10	2.000	EA	Y	HOLE PLUGS	
216	31415	CHT,AMTR,7 DAY	10	1.000	BX	N	AMP 321	
216	47655	CHT,AMTR,7 DAY	10	1.000	BX	N	AMP 322	
216	34757	CHT,AMTR,7 DAY	10	1.000	BX	N	AMP 323	
216	89061	CHT,AMTR,7 DAY	10	1.000	BX	N	AMP 324	
217	31412	CHT,AMTR,24 HR	10	1.000	BX	N	AMP 321	
217	47656	CHT,AMTR,24 HR	10	1.000	BX	N	AMP 322	
217	34756	CHT,AMTR,24 HR	10	1.000	BX	N	AMP 323	
217	89062	CHT,AMTR,24 HR	10	1.000	BX	N	AMP 324	
299	48098	LEGEND,UNDERLOAD	10	1.000	EA	N	UL	
300	48099	LEGEND,RUN	10	1.000	EA	N	RUN	
301	48101	LEGEND,START	10	1.000	EA	N	START	
330	89040	BINDER	10	1.000	EA	Y	COMMON	
335	89053	FLTR,2000,NEMA 1	10	1.000	EA	N	COMMON	
370	49032	FP,MR,MTG PNL,ICS	10	1.000	EA			
371	49031	PNL,MR MTG,ICS,2N1	10	1.000	EA	N		
372	88972	SEAL,CONTROL PNL	10	0.000	FT	N		
381	49128	CONTENTS,ICS MNL	10	1.000	EA	N	COMMON	
383	40907	DECAL,MTR CNTRLR	10	1.000	EA	Y	COMMON	

## ICS 2000 NEMA 1

SEQ No	P/N	ITEM DESCRIPTION	SHEET	QTY	UOM	PO	BOMDESC	STD REV
4	87011	CLP,CAP	11	2.000	EA	N	COMMON	
8	48297	PNL,PWR SPLY	11	1.000	EA	N	COMMON	
24	47512	CAP,3 MFD	11	2.000	EA	N	COMMON	
33	85294	SCREW,SHCS,8-32X3/8	11	10.000	EA	Y	COMMON	
34	85017	WSHR,LOCK,INT STAR,#8	11	14.000	EA	Y	121/124	
40	85004	WSHR,FLAT,#10	11	8.000	EA	Y	COMMON	
41	30437	WSHR,LOCK,HCLL,#10	11	8.000	EA	Y	COMMON	
78	88776	STDF,HEX,8-32X1/2,MF	11	4.000	EA	Y	COMMON	
85	86413	CAP,1400 MFD,350 VDC	11	2.000	EA	N	121/124	
112	47800	XFMR,INV SPLY,50 HZ,ICS	11	1.000	EA	N	50 HZ OPT	
112	47407	XFMR,INV SPLY,60 HZ,ICS	11	1.000	EA	N	60 HZ OPT	
113	48231	SCREW,SHCS,10-32X3/4	11	8.000	EA	Y	COMMON	
114	86035	CLP,1 MFD CAP	11	2.000	EA	Y	COMMON	
116	47511	INDUCTOR,FILTER,DUAL,WIND	11	1.000	EA	N	COMMON	
205	47801	XFMR,LGC SPLY,50 HZ,ICS	11	1.000	EA	N	50 HZ OPT	
205	47802	XFMR,LGC SPLY,60 HZ,ICS	11	1.000	EA	N	60 HZ OPT	

ICS 2000 NEMA 1

SEQ No.	P/N	ITEM DESCRIPTION	SHEET	CITY	UOM	PD	BOMDESC	STD REV
9	88998	GSKT,1x4-1/2	12	2.000	FT	Y	121/122	
9	88998	GSKT,1x4-1/2	12	4.000	FT	Y	123/124	
13	85236	REACT,LINK	12	1.000	EA	N	122	
13	85236	REACT,LINK	12	1.000	EA	N	123	
13	85236	REACT,LINK	12	2.000	EA	N	124	
37	85011	WSHR,FLAT,5/16	12	2.000	EA	Y	121/122	
38	85038	WSHR,LOCK,HCL,5/16	12	2.000	EA	Y	121/122	
42	87220	NUT,NYLOC,3/8-16,LOW-PROF	12	8.000	EA	Y	121	
42	87220	NUT,NYLOC,3/8-16,LOW-PROF	12	12.000	EA	Y	123	
42	87220	NUT,NYLOC,3/8-16,LOW-PROF	12	8.000	EA	Y	124	
43	85032	WSHR,FLAT,3/8,STEEL	12	4.000	EA	Y	121/122	
43	85032	WSHR,FLAT,3/8,STEEL	12	8.000	EA	Y	123/124	
44	85037	BOLT,HH,5/16-18x1	12	2.000	EA	Y	121/122	
45	85012	NUT,HEX,5/16-18,STEEL	12	2.000	EA	Y	121/122	
213	47710	REACTOR,LINK	12	1.000	EA	N	121	
213	47710	REACTOR,LINK	12	1.000	EA	N	123	
337	48432	ADAPTER,LINK REACTOR	12	1.000	EA	N	121	
337	48432	ADAPTER,LINK REACTOR	12	1.000	EA	N	123	
338	88954	CLP,INDTR,2000,NEMA 1	12	1.000	EA	N	COMMON	
339	89106	BOLT,CARRIAGE,3/8-16x8	12	4.000	EA	Y	COMMON	

ICS 2000 NEMA 1

SEQ No	P/N	ITEM DESCRIPTION	SHEET	QTY	LOC	PO	BOMDESC	STD REV
0	85048	SCREW,HHSLFTPG,8-32	13	2.000	EA	Y	50HZ/460V	B
0	85048	SCREW,HHSLFTPG,8-32	13	2.000	EA	Y	COMMON	B
11	88968	ADPTR,MOT MT SPLIT RING	13	4.000	EA	Y	COMMON	
18	89082	IDCTR,NEMA1 FAN,50HZ,460V	13	1.000	EA	N	50HZ/460V	
28	88967	MOT,1/3HP,1075 RPM,1 PH	13	1.000	EA	N	COMMON	
29	88966	BLO,9 1/2",DIRECT DRIVE	13	1.000	EA	N	COMMON	
34	85017	WSHR,LOCK,INT STAR,#8	13	2.000	EA	Y	50HZ/460V	B
34	85017	WSHR,LOCK,INT STAR,#8	13	2.000	EA	Y	COMMON	B

## ICS 2000 NEMA 1

SEQ No	P/N	ITEM DESCRIPTION	SHEET	QTY	UOM	PC	BOMDESC	STD REV
0	86479	TIES,MED TY-WRAP	14	6.000	EA	Y	COMMON	
0	88095	MT,TIE-WRAP,W/HOLES	14	1.000	EA	Y	COMMON	
0	88597	TIES,TY-RAP,TY23M	14	2.000	EA	Y	COMMON	
15	48801	CBL,S/A,DCB-CONV,ICS,2N1	14	1.000	EA	N		
18	89082	IDCTR,NEMA1 FAN,50HZ,460V	14	1.000	EA	N	OPTION	
19	48298	TERM,RED FEM DISC	14	6.000	EA	Y	COMMON	
206	86061	TERM,RED RING,#10,CRP	14	2.000	EA	Y	AMP COMMON	
206	86061	TERM,RED RING,#10,CRP	14	1.000	EA	Y	W/O AMP	
236	89235	WIRE,WHITE,18GA	14	136.900	FT	Y	COMMON	
238	86283	TERM,#8,RED RING	14	2.000	EA	Y	COMMON	
239	47958	CONN,KEY,PLZN	14	40.000	EA	Y	COMMON	
241	89233	WIRE,GREEN,18GA	14	2.100	FT	Y	AMP COMMON	
241	89233	WIRE,GREEN,18GA	14	5.200	FT	Y	W/O AMP	
261	89232	WIRE,BLK,18GA	14	51.750	FT	Y	COMMON	
262	86346	TERM,RED,FEM DISC	14	0.000	EA	Y		
268	47743	CONN,HSG,8 CKT	14	7.000	EA	Y	COMMON	
269	47742	CONN,HSG,5 CKT	14	3.000	EA	Y	COMMON	
270	47741	CONN,PIN	14	70.000	EA	Y	COMMON	
271	47740	CONN,HSG,2 CKT	14	2.000	EA	Y	COMMON	
274	86526	TERM,RING,#10,YELLOW	14	1.000	EA	Y	COMMON	
275	86435	TERM,YELLOW SCOTCHLOCK	14	4.000	EA	Y	COMMON	
276	87052	PLUG,HSG,8 CKT	14	2.000	EA	Y	COMMON	
277	89809	SKT,CONTACT,18AWG	14	12.000	EA	Y	COMMON	
278	89236	WIRE,BL/YEL,TLW PAIR,22GA	14	9.500	FT	Y	COMMON	
289	47803	CONN,HSG,20 CKT	14	1.000	EA	Y	COMMON	
294	47959	CONN,HSG,6 CKT	14	2.000	EA	Y	COMMON	
313	88747	TERM (SCR)	14	12.000	EA	Y	COMMON	
314	86520	TERM,3/8,RED RING	14	1.000	EA	Y	W/O AMP	
315	89803	BEAD, -	14	4.000	EA	Y	COMMON	
316	48232	BEAD,C	14	3.000	EA	Y	COMMON	
317	48233	BEAD,B	14	3.000	EA	Y	COMMON	
318	48234	BEAD,A	14	3.000	EA	Y	COMMON	
319	89802	BEAD,+	14	4.000	EA	Y	COMMON	
327	47791	CIB CABLE	14	1.000	EA	N	COMMON	
328	47794	CBL,S/A,RIBBON,14IN	14	1.000	EA	N	COMMON	
384	86478	MT,TIE-WRAP,TC344A(SMALL)	14	40.000	EA	Y	COMMON	

## ICS 2000 NEMA 1

SEQ No	P/N	ITEM DESCRIPTION	SHEET	CITY	UOM	PO	BOMDESC	STD REV
171	86235	CABLE, #3/0 HYPALON	15	8.500	FT	Y	121/122	
171	86235	CABLE, #3/0 HYPALON	15	11.500	FT	Y	123/124	
172	86238	LUG,3/0,3/8	15	4.000	EA	Y	COMMON	
173	88160	LUG,2/0,5/16 STUD SIZE	15	3.000	EA	Y	122	B
173	88673	LUG,4/0,5/16	15	3.000	EA	Y	123/124	
174	88146	CABLE,1/0,HYPALON	15	7.200	FT	Y	122	B
174	88677	CABLE,4/0 EPDM	15	7.200	FT	Y	123/124	
175	88146	CABLE,1/0,HYPALON	15	8.200	FT	Y	121/122	
175	88146	CABLE,1/0,HYPALON	15	16.500	FT	Y	123/124	
176	88160	LUG,2/0;5/16 STUD SIZE	15	4.000	EA	Y	121/122	
176	88160	LUG,2/0,5/16 STUD SIZE	15	8.000	EA	Y	123/124	
187	86005	SPIRAL WRAP	15	2.500	FT	Y	COMMON	
206	86061	TERM,RED RING,#10,CRP	15	6.000	EA	Y	COMMON	
212	88767	STRIP,COPPER	15	3.000	EA	Y	COMMON	
261	89232	WIRE,BLK,18GA	15	2.300	FT	Y	COMMON	
324	86907	TIES,LARGE, TY-WRAP	15	3.000	EA	Y	COMMON	
395	88758	LUG,#6,5/16	15	4.000	EA	Y	121	B
395	88758	LUG,#6,5/16	15	2.000	EA	Y	122/124	
396	88757	CBL,#6	15	7.700	FT	Y	121	
396	88757	CBL,#6	15	1.000	FT	Y	122/124	
397	87050	LUG,#6,1/4	15	1.000	EA	Y	121	
397	87050	LUG,#6,1/4	15	2.000	EA	Y	122/124	
398	49375	CORE,FERRITE	15	2.000	EA	N	COMMON	

## ICS 2000 NEMA 1

SEQ No	P/N	ITEM DESCRIPTION	SHEET	QTY	LOC	PO	BOND/DESC	STD REV
158	47747	BLK,LOGIC REED,NO	16	0.000	EA	N		
203	47748	BLK,LOGIC REED,NC	16	0.000	EA	N		
206	86061	TERM,RED RING,#10,CRP	16	3.000	EA	Y	AMP COMMON	
236	89235	WIRE,WHITE,18GA	16	12.000	FT	Y	AMP COMMON	
236	89235	WIRE,WHITE,18GA	16	8.300	FT	Y	MODE	
236	89235	WIRE,WHITE,18GA	16	7.000	FT	Y	OL	
236	89235	WIRE,WHITE,18GA	16	7.000	FT	Y	RUN	
236	89235	WIRE,WHITE,18GA	16	5.200	FT	Y	START	
236	89235	WIRE,WHITE,18GA	16	7.000	FT	Y	UL	
241	89233	WIRE,GREEN,18GA	16	4.600	FT	Y	AMP COMMON	
270	47741	CONN,PIN	16	3.000	EA	Y	MODE	
270	47741	CONN,PIN	16	2.000	EA	Y	OL	
270	47741	CONN,PIN	16	2.000	EA	Y	RUN	
270	47741	CONN,PIN	16	2.000	EA	Y	START	
270	47741	CONN,PIN	16	2.000	EA	Y	UL	
271	47740	CONN,HSG,2 CKT	16	1.000	EA	Y	OL	
271	47740	CONN,HSG,2 CKT	16	1.000	EA	Y	RUN	
271	47740	CONN,HSG,2 CKT	16	1.000	EA	Y	START	
271	47740	CONN,HSG,2 CKT	16	1.000	EA	Y	UL	
279	86063	TERM,RED FORK,#8	16	2.000	EA	Y	AMP COMMON	
295	47957	CONN,HSG,3 CKT	16	1.000	EA	Y	MODE	
314	86520	TERM,3/8,RED RING	16	1.000	EA	Y	AMP COMMON	

REVISION STATUS OF SHEETS

REVISED

REV	DESCRIPTION	DATED	APPROVED	PCN NO.
A	RELEASED		D.L. KNOX	13166 -
B	REVERSE LOCATION OF OPTIONAL PCB & DIB, & CHG ITEM NO. 170 10 136 ON SH 12. DELETE ITEM NO. 94 (PLASTIC SPACER) & ADD ITEM NO. 17, 53, 12, & 46 ON SH 15. CHG ITEM NO. 282 TO 335 IN DET C ON SH 19.	1:10:30	D.L. KNOX	13186
C	MOVED BOLT & NUT TO OPPOSITE SIDES OF CT & DEL ITEM 52 ON SHT 3; DEL ED NUMBER & NOTE ON SHT 4; ADD ITEM 340 & NOTES 4 & 5 ON SHT 5; DEL ED NUMBER & NOTE ON SHT 6; ADD ITEM 53, ADD ITEM 86, & CHG ITEM NO. 2 TO 342 ON SHT 7; ROTATED ITEM 12 180° ON SHT 9; ADD COLOR TO LIGHTS ON SHT 11; ADD NOTE 2 TO SHT 13. CHG PIN 4 WIRE LENGTH FROM 20 TO 22 IN DET "C"; J12 WIRE LENGTH FROM 59 TO 44 IN DET "C"; J12 WIRE LENGTH FROM 51 TO 49 IN DET "C"; AND WIRE LENGTH FROM 25 TO 44 IN DET "A". REVERSE NOTE 5 & ADD "FURNISHED WITH WIREDEPTH" TO LOCK WASHER ON SH 5.	8:5:30	JERALD RIDER	13358
D	DELETE NOTES 2 & 3 ON SH 6.	28SEP90	JERALD RIDER	13401
E	ADD NOTES 2 & 3 ON SH 6.	26SEP90	JERALD RIDER	13438
F	ITEMS 373 & 383 AND NOTE 5 ON SH 5; & CHG ITEM NO. 92 TO 198 ON SH 15 & 16. ITEM NO. 1 ON SHT 2; ADD CABLE TO TOP OF DIODE & CHG NOTE 6 ON SH 11.	16AUG91 4FEB91	JERALD RIDER	13474 13491
G	ADD NOTE 1 IN DET "B" ON SHT 2; ADD CABLE TO TOP OF DIODE & CHG NOTE 6 ON SH 4; ADD CABLE FROM DIODE TO TOP SCR BUS BAR ON SHT 7; CHG ITEM NO. 42 TO 163 ON SHT 11; ADD NOTES 5 & 6 & DET "A" ON SHT 14; DEL BLDR RES PCB, ADD CAP CLAMPS & NOTE 2, & ADD 3 FILTER CAPS ON SHT 15; DEL BLDR RES PCB, ADD CAP BLDR RES ASM 185, & CHG PCB ASH/PIN IN NOTE 3 ON SHT 12; DEL BLDR RES PCB & WIRING DETAILS. ADD BLDR RES PCB & WIRING DETAILS, & REMOVE NOTE 1 ON SHT 18; ADD FILTER CAPS & DET "P" ON SHT 19.	24AUG91	JERALD RIDER	13545
H	MOVE ITEM NO. 206 TO 262 IN DET "P" ON SHT 19. ITEM NO. 1.3 TO 2.13 & 2.13 TO 1.3 ON SHT 17.	2MAY91	JERALD RIDER	13545
I	ADD WIRING DETAIL FOR 115V OPTION ON SHT NO. 19; ADD 115V TRANSFORMER (SHOWN OPTIONAL) ON SHT NO. 9	3MAY91	JERALD RIDER	13545
J	REV DET "A" TO INCLUDE SAFETY SHIELD ON SHT 7.	4MAY91	JERALD RIDER	13528
K	ITEM NO. 1.3 TO 2.13 & 2.13 TO 1.3 ON SHT 17.	19JUL91	JERALD RIDER	13571
L	ITEM NO. 1.3 TO 2.13 & 2.13 TO 1.3 ON SHT 17.	11OCT91	JERALD RIDER	13638
M	NOTE 9 TO SHT NO. 12.			
N	REV DET "A" TO INCLUDE SAFETY SHIELD ON SHT 7. CHG ITEM NO. 36, 44 ON SHT 2; ADD NOTE 1 ON SHT 3; ADD 2 FLAT WASHERS (ITEM (ITEM NO. 35) REV NOTE 5 AND ADD NOTE 4; ADD 2 LOCK WASHERS (ITEM NO. 53) ON SHT 7; CHG ITEM NO. 18 TO 215 & 19 TO 215 ON SHT 8; INDICATE ORIENTATION OF INDATOR (ITEM 116). NOTE 10 TO SHT 11; CHG ITEM NO. 398 ON SHFT 12; CHG 45° TO 55° & ADD ITEM NO. 398 ON SHFT 14; CHG ITEM NO. 32 TO 198 ON SHT 16; WASHERS (ITEMS 71, 37 & 48) ON SHT 17; CHG WIRE LENGTH IN DET "B" FROM TO 0°, IN DET "C" PIN 7 FROM 2° TO 30°, IN DET "D" FROM 10° TO 40°, AND CHG BALLOON NO. 1 IN DET "P" FROM 20 TO 400; TO 282, TO 404 ON SHT 10; CHG DIM FROM 54 TO 75° IN DET "A"; FROM 55 TO 75° IN DET "B" & 42° TO 46°, 41° TO 45°, 40° TO 44° & 31° TO 40° IN DET "C" ON SHT 20.	16OCT91	JERALD RIDER	13644
P	DEL ITEM 13 (OPERATOR INTERFACE ASSEMBLY) FROM THIS DNG PACKAGE.	11NOV91	JERALD RIDER	13643
R	ITEM NO. 13 (OPERATOR INTERFACE ASSEMBLY) FROM THIS DNG PACKAGE.	10APR92	JERALD RIDER	13709
T	ADD ITEM NO. 73, & CHG "SCOF 10" TO "MODULE" IN NOTE 4 ON SHT NO. 4	10APR92	JERALD RIDER	13729



## ICS 2000 NEMA 3

SEQ No	PN	ITEM DESCRIPTION	SHEET	CITY	UCM	PD	BOMDESC	STD REV
3	47429	SHRD,2000,NEMA 3	2	1.000	EA	N	COMMON	
4	47434	MT,FAN,NEMA 3	2	1.000	EA	N	COMMON	
28	47420	MTR,1625 RPM,1/2 HP,FASCO	2	1.000	EA	N	COMMON	
29	47433	FAN,16' NEMA 3	2	1.000	EA	N	COMMON	
37	85011	WSHR,FLAT,5/16	2	4.000	EA	Y	321/324	
38	85038	WSHR,LOCK,HLCL,5/16	2	4.000	EA	Y	321/324	
39	85009	NUT,HEX,10-32,STEEL	2	4.000	EA	Y	COMMON	
40	85004	WSHR,FLAT,#10	2	4.000	EA	Y	COMMON	
41	30437	WSHR,LOCK,HLCL,#10	2	4.000	EA	Y	COMMON	
44	85037	BOLT,HH,5/16-18x1	2	4.000	EA	Y	COMMON	
123	86100	CONN,STR,1/2' LIQUID TITE	2	1.000	EA	Y	COMMON	
253	86093	HOSE,1/2' LIQUID TITE	2	3.000	FT	Y	COMMON	
298	87210	CMPD,ANTI-SEIZE	2	0.010	OZ	Y	COMMON	

ICS 2000 NEMA 3

SEQ No.	PN	ITEM DESCRIPTION	SHEET	CITY	LOC	PO	BOMDESC	STD REV
6	47384	PNL,CUST INT,2000	3	1.000	EA	N	COMMON	
50	47650	XFMR,CURRENT,CT	3	1.000	EA	N	AMP 321	
50	47651	XFMR,CURRENT,CT	3	1.000	EA	N	AMP 322	
50	86141	XFMR,CUR, CT,300:5	3	1.000	EA	N	AMP 323	
50	47649	XFMR,CUR,CT,	3	1.000	EA	N	AMP 324	
51	85183	BOLT,HH,1/4-20X2 1/2	3	2.000	EA	Y	AMP COMMON	
52	85002	WSHR,FLAT,1/4,STEEL	3	4.000	EA	Y	AMP COMMON	
53	85007	WSHR,LOCK,HLCL,1/4	3	2.000	EA	Y	AMP COMMON	
54	85006	NUT,HEX,1/4-20,STEEL	3	2.000	EA	Y	AMP COMMON	
55	47422	DIN MTG TRACK	3	1.000	FT	Y	COMMON	
56	47423	SNAP TRACK,4 INCH	3	2.000	FT	Y	COMMON	
57	47424	WIRING DUCT,2X2	3	2.000	FT	Y	COMMON	
58	47425	CVR,WIRING DUCT,2 INCH	3	2.000	FT	Y	COMMON	
59	47426	RVTS,NYLON	3	9.000	EA	Y	COMMON	
60	47189	CUSTOMER INTFC BD,PCB	3	1.000	EA	N	CIB OPT	
61	47462	AUX RELAY BOARD,PCB	3	1.000	EA	N	AUX RLY OP	
62	47427	MOUNT,TY-RAP	3	1.000	EA	Y	COMMON	
322	88095	MT,TIE-WRAP,W/HOLES	3	1.000	EA	Y	COMMON	
323	86479	TIES,MED TY-WRAP	3	6.000	EA	Y	COMMON	

## ICS 2000 NEMA 3

SEQ No	PN	ITEM DESCRIPTION	SHEET	CITY	LOC	PO	BOMDESC	STD REV
14	85566	SPCR, 0.250" LONG	4	3.000	EA	Y	COMMON	C
17	48227	SCREW,CPSHLSS,1/4-20X1.5	4	2.000	EA	Y	COMMON	
21	47926	HT SINK,2000,NEMA3	4	3.000	EA	N	COMMON	
22	88565	MDL,SCR,160A,1600V	4	3.000	EA	N	321/322	
22	88465	MDL,SCR,250A,1600V	4	3.000	EA	N	323/324	
23	85332	MDL,TRANSISTOR	4	3.000	EA	N	321	
23	85332	MDL,TRANSISTOR	4	6.000	EA	N	322	
23	85332	MDL,TRANSISTOR	4	9.000	EA	N	323	
23	85332	MDL,TRANSISTOR	4	12.000	EA	N	324	
25	47419	XFMR,CURRENT,CT 2500:1	4	3.000	EA	N	COMMON	
26	47557	SWITCH,THERMAL	4	1.000	EA	Y	COMMON	
34	85017	WSHR,LOCK,INT STAR,#8	4	38.000	EA	Y	321	
34	85017	WSHR,LOCK,INT STAR,#8	4	50.000	EA	Y	322	
34	85017	WSHR,LOCK,INT STAR,#8	4	64.000	EA	Y	323	
34	85017	WSHR,LOCK,INT STAR,#8	4	76.000	EA	Y	324	
35	85019	WSHR,FLAT,#8	4	26.000	EA	Y	321/322	
35	85019	WSHR,FLAT,#8	4	28.000	EA	Y	323/324	
38	85038	WSHR,LOCK,HLCL,5/16	4	3.000	EA	Y	321/324	
47	85022	WSHR,LOCK,INT STAR,NO.6	4	3.000	EA	Y	COMMON	
53	85007	WSHR,LOCK,HLCL,1/4	4	9.000	EA	Y	321	
53	85007	WSHR,LOCK,HLCL,1/4	4	1.000	EA	Y	321/324	
53	85007	WSHR,LOCK,HLCL,1/4	4	18.000	EA	Y	322	
53	85007	WSHR,LOCK,HLCL,1/4	4	27.000	EA	Y	323	
53	85007	WSHR,LOCK,HLCL,1/4	4	36.000	EA	Y	324	
66	85005	BOLT,HH,1/4-20X1	4	1.000	EA	Y	COMMON	
70	47350	DMD INSULATING PAPER	4	3.000	EA	Y	COMMON	
71	88457	SCREW,SHSS,1/4-20X1/2	4	3.000	EA	Y	COMMON	
72	86366	STDF,GLASTIC,1	4	3.000	EA	Y	321/324	
72	86366	STDF,GLASTIC,1	4	2.000	EA	Y	321/324	
73	88126	CMPD,THERMAL COND	4	0.200	OZ	Y	COMMON	
74	86332	SCREW,SHCS,8-32X5/8	4	12.000	EA	Y	COMMON	
75	88818	SCREW,SHCS,8-32x1/2	4	26.000	EA	Y	321	
75	88818	SCREW,SHCS,8-32x1/2	4	38.000	EA	Y	322	
75	88818	SCREW,SHCS,8-32x1/2	4	52.000	EA	Y	323	
75	88818	SCREW,SHCS,8-32x1/2	4	64.000	EA	Y	324	
76	88469	SCREW,SHCS,6MM-1X20MM	4	9.000	EA	Y	321	
76	88469	SCREW,SHCS,6MM-1X20MM	4	18.000	EA	Y	322	
76	88469	SCREW,SHCS,6MM-1X20MM	4	27.000	EA	Y	323	
76	88469	SCREW,SHCS,6MM-1X20MM	4	36.000	EA	Y	324	
77	48198	BAR,POS/OUT,XSTR,BUS	4	3.000	EA	N	COMMON	
79	48191	BAR,NEG,XSTR,BUS	4	3.000	EA	N	COMMON	
80	47464	BAR,SCR,BUS	4	3.000	EA	N	COMMON	
81	47366	BAR,POS/OUT,XSTR,BUS	4	3.000	EA	N	COMMON	
82	47428	TBG,SHRK,ALPHA FIT-600-3/	4	1.130	FT	Y	COMMON	
83	85776	SCREW,BHMS,4-40X3/8	4	2.000	EA	Y	COMMON	
84	87560	WSHR,LOCK,HLCL,#4	4	2.000	EA	Y	COMMON	
94	48954	STDF,HEX,M5X0.8X0.88,MF	4	1.000	EA	Y	321/322	
94	48954	STDF,HEX,M5X0.8X0.88,MF	4	2.000	EA	Y	323/324	
103	47513	BOLT,HH,M8-1.25X20M	4	3.000	EA	Y	COMMON	
178	85180	SCREW,BHMS,6-32X3/8	4	3.000	EA	Y	COMMON	
179	47565	DISCONNECT,#23N3666	4	3.000	EA	Y	COMMON	
291	47915	SPCR,1/2",8-32	4	12.000	EA	Y	COMMON	
292	47914	SCREW,SHCS,8-32X7/8	4	12.000	EA	Y	COMMON	
325	86560	CMPD,LOCTITE 262 OR 271	4	0.010	OZ	Y	COMMON	
329	48291	SPCR, 0.375" LONG	4	5.000	EA	Y	common	
338	89052	MDL,DIODE	4	1.000	EA	N	321	
338	89052	MDL,DIODE	4	2.000	EA	N	322/324	

## ICS 2000 NEMA 3

SEQ No.	PN	ITEM DESCRIPTION	SHEET	CITY	UOM	PO	BOMDESC	STD REV.
7	48169	PNL,BRKR,2000	5	1.000	EA	N	COMMON	
10	48003	BRKT,EXT,2000,NEMA 3	5	1.000	EA	N	321/322	
10	48004	BRKT,EXT,2000,NEMA 3	5	1.000	EA	N	323/324	
30	49266	BRKR,321	5	1.000	EA	N	BRKR,321	
30	48095	BRKR,322	5	1.000	EA	N	BRKR,322	
30	49267	BRKR,323	5	1.000	EA	N	BRKR,323	
30	48093	BRKR,324	5	1.000	EA	N	BRKR,324	
30	47999	SWITCH,321	5	1.000	EA	N	SWITCH,321	
30	48000	SWITCH,322	5	1.000	EA	N	SWITCH,322	
30	47998	SWITCH,323/324	5	1.000	EA	N	SWITCH,323	
35	85019	WSHR,FLAT,#8	5	2.000	EA	Y	321/322	C
52	85002	WSHR,FLAT,1/4,STEEL	5	2.000	EA	Y	323/324	
67	48005	STEM,SHAFT,2000,NEMA 3	5	1.000	EA	N	321	
67	88591	STEM,SHAFT,2000,NEMA 3	5	1.000	EA	N	322	
67	48006	STEM,SHAFT,2000,NEMA 3	5	1.000	EA	N	323	
67	48006	STEM,SHAFT,2000,NEMA 3	5	1.000	EA	N	324	
68	47997	MECH,VARDEPTH	5	1.000	EA	N	321	
68	47996	MECH,VARDEPTH	5	1.000	EA	N	322	
68	47995	MECH,VARDEPTH	5	1.000	EA	N	323	
68	47995	MECH,VARDEPTH	5	1.000	EA	N	324	
75	88818	SCREW,SHCS,8-32x1/2	5	2.000	EA	Y	321/322	
340	48876	INSUL,BRKR	5	1.000	EA	N	323/324	
341	48877	BOLT,RH,1/4-20X5 1/2	5	2.000	EA	Y	323/324	
367	85156	SCREW,BHMS,8-32x4-1/4"	5	1.000	EA	Y	322	C
373	49083	SHLD KIT,BRKR	5	1.000	EA	N	323/324	

ICS 2000 NEMA 3

SEQ No	PN	ITEM DESCRIPTION	SHEET	CITY	LCM	PD	BOMDESC	STD REV
11	88497	HDR,IN,HT EXCH,2000	6	1.000	EA	N	COMMON	
12	88496	HDR,OUT,HT EXCH,2000	6	1.000	EA	N	COMMON	
31	88499	TBG,ALUM,2000	6	45.000	EA	Y	COMMON	
32	88498	PLUG,CAP,2000/4000	6	90.000	EA	Y	COMMON	

## ICS 2000 NEMA 3

SEQ No	PN	ITEM DESCRIPTION	SHEET	QTY	UOM	PO	BOMDESC	STD REV
0	48873	CPSHDLSSS,1/4-20 X 3/4,STL	7	2.000	EA	Y	COMMON	C
14	85566	SPCR, 0.250" LONG	7	3.000	EA	Y	COMMON	
20	88424	FAN,MUFFIN	7	1.000	EA	N	COMMON	
27	85572	FUSE,100 AMP,500 VOLT	7	3.000	EA	N	321	
27	88895	FUSE,200 AMP,500 VOLT	7	3.000	EA	N	322	
27	88896	FUSE,300 AMP,500 VOLT	7	3.000	EA	N	323	
27	88897	FUSE,400 AMP,500 VOLT	7	3.000	EA	N	324	
33	85294	SCREW,SHCS,8-32X3/8	7	54.000	EA	Y	COMMON	
34	85017	WSHR,LOCK,INT STAR,#8	7	54.000	EA	Y	321/324	
37	85011	WSHR,FLAT,5/16	7	10.000	EA	Y	321	C
37	85011	WSHR,FLAT,5/16	7	16.000	EA	Y	322/324	C
38	85038	WSHR,LOCK,HLCL,5/16	7	25.000	EA	Y	321/322	C
38	85038	WSHR,LOCK,HLCL,5/16	7	26.000	EA	Y	323/324	C
41	30437	WSHR,LOCK,HLCL,#10	7	1.000	EA	Y	321/322	
41	30437	WSHR,LOCK,HLCL,#10	7	2.000	EA	Y	323/324	
44	85037	BOLT,HH,5/16-18x1	7	16.000	EA	Y	321/324	C
47	85022	WSHR,LOCK,INT STAR,NO.6	7	4.000	EA	Y	COMMON	
47	85022	WSHR,LOCK,INT STAR,NO.6	7	30.000	EA	Y	COMMON	
49	47432	SNAP NUT,SPC 37N1831(1/4-	7	10.000	EA	Y	COMMON	
52	85002	WSHR,FLAT,1/4,STEEL	7	14.000	EA	Y	321	C
52	85002	WSHR,FLAT,1/4,STEEL	7	10.000	EA	Y	322/324	C
53	85007	WSHR,LOCK,HLCL,1/4	7	22.000	EA	Y	321/324	C
53	85007	WSHR,LOCK,HLCL,1/4	7	14.000	EA	Y	COMMON	C
54	85006	NUT,HEX,1/4-20,STEEL	7	3.000	EA	Y	COMMON	
64	88597	TIES,TY-RAP,TY23M	7	2.000	EA	Y	COMMON	
66	85005	BOLT,HH,1/4-20X1	7	6.000	EA	Y	COMMON	
66	85005	BOLT,HH,1/4-20X1	7	6.000	EA	Y	COMMON	C
69	85001	BOLT,HH,1/4-20X5/8	7	2.000	EA	Y	COMMON	C
72	86366	STDF,GLASTIC,1	7	7.000	EA	Y	321/324	
82	47428	TBG,SHRK,ALPHA FIT-600-3/	7	0.370	FT	Y	COMMON	
86	85045	BOLT,HH,1/4-20X1/2	7	2.000	EA	Y	321/324	C
95	85425	SCREW,BHMS,6-32X2	7	4.000	EA	Y	COMMON	
96	88659	BAR,BUS,CONV	7	2.000	EA	N	COMMON	
97	47436	BRKT,MTG,PCB PNL	7	2.000	EA	N	COMMON	
98	47463	BAR,FUSE BUS	7	3.000	EA	N	COMMON	
99	89856	INVERTER PCB	7	1.000	EA	N	COMMON	
100	47206	CONVERTER PCB	7	1.000	EA	N	COMMON	
101	47365	BAR,BUS,NEG,HORIZ	7	2.000	EA	N	COMMON	
102	47406	BAR,BUS,SCR,NEG	7	1.000	EA	N	COMMON	
103	47513	BOLT,HH,M8-1.25X20M	7	7.000	EA	Y	321/322	
103	47513	BOLT,HH,M8-1.25X20M	7	8.000	EA	Y	323/324	
104	47516	LUG,OUTPUT,2000	7	3.000	EA	N	321/322	
104	47517	LUG,OUTPUT,2000	7	3.000	EA	N	323/324	
106	89116	STDF,1/4 HEX,6-32X1/2,FF	7	14.000	EA	Y	COMMON	
107	85163	SCREW,BHMS,6-32X1/4	7	12.000	EA	Y	COMMON	
109	47677	PNL,MTG,PCB,CONVERTER	7	1.000	EA	N	COMMON	
110	47676	PNL,MTG,PCB,INVERTER	7	1.000	EA	N	COMMON	
111	86459	RTV,CLEAR	7	2.000	OZ	Y	COMMON	
118	85000	BOLT,HH,1/4-20X3/4	7	6.000	EA	Y	COMMON	
178	85180	SCREW,BHMS,6-32X3/8	7	16.000	EA	Y	COMMON	
179	47565	DISCONNECT,#23N3666	7	2.000	EA	Y	COMMON	
303	48226	BOLT,FTHB,1/4-20X1-3/4	7	3.000	EA	Y	COMMON	
304	88965	DMD,CONV INSULATOR	7	1.000	EA	Y	COMMON	
305	85039	BOLT,1/4-20X1 1/4	7	3.000	EA	Y	COMMON	
329	48291	SPCR, 0.375" LONG	7	4.000	EA	Y	COMMON	
332	86752	OXIBAN	7	0.010	OZ	Y	COMMON	
334	48293	BRACE,BUS BAR,ICS,321	7	1.000	EA	N	321	
337	48955	SCREW,HSHCS,M5X0.8X16M,P	7	1.000	EA	Y	321/322	
337	48955	SCREW,HSHCS,M5X0.8X16M,P	7	2.000	EA	Y	323/324	
342	87122	HEAT SHRINK	7	1.000	EA	Y	COMMON	
401	49530	STDF,.313-18,.25-20x1.00	7	2.000	EA	Y	COMMON	
402	49529	SHLD,OUTPUT TERM,ICS,2000	7	1.000	EA	N	COMMON	

ICS 2000 NEMA 3

SEQ No.	PN	ITEM DESCRIPTION	SHEET	QTY	UOM	PC	BOMDESC	STD REV
18	88501	GSKT,OUT,HT EXCH	8	1.000	EA	N	COMMON	
19	88502	GSKT,IN,HT EXCH	8	1.000	EA	N	COMMON	
34	85017	WSHR,LOCK,INT STAR,#8	8	8.000	EA	Y	321/324	
35	85019	WSHR,FLAT,#8	8	8.000	EA	Y	COMMON	
42	87220	NUT,NYLOC,3/8-16,LOW-PROF	8	4.000	EA	Y	321/324	
42	87220	NUT,NYLOC,3/8-16,LOW-PROF	8	4.000	EA	Y	321/324	
43	85032	WSHR,FLAT,3/8,STEEL	8	4.000	EA	Y	321/324	
43	85032	WSHR,FLAT,3/8,STEEL	8	4.000	EA	Y	321/324	
74	86332	SCREW,SHCS,8-32X5/8	8	8.000	EA	Y	COMMON	
215	89846	CMPD,ADH SPRAY	8	0.010	OZ	Y	COMMON	

## ICS 2000 NEMA 3

SEQ No	PN	ITEM DESCRIPTION	SHEET	CITY	UOM	PC	BOMDESC	STD REV
8	47934	PNL,PWR SPLY	9	1.000	EA	N	COMMON	
24	47512	CAP,3 MFD	9	2.000	EA	N	COMMON	
33	85294	SCREW,SHCS,8-32X3/8	9	10.000	EA	Y	COMMON	
34	85017	WSHR,LOCK,INT STAR,#8	9	14.000	EA	Y	321/324	
40	85004	WSHR,FLAT,#10	9	4.000	EA	Y	115V OPT	
40	85004	WSHR,FLAT,#10	9	8.000	EA	Y	COMMON	
41	30437	WSHR,LOCK,HLCL,#10	9	4.000	EA	Y	115V OPT	
41	30437	WSHR,LOCK,HLCL,#10	9	8.000	EA	Y	COMMON	
78	88776	STDF,HEX,8-32X1/2,MF	9	4.000	EA	Y	COMMON	
112	47800	XFMR,INV SPLY,50 HZ,ICS	9	1.000	EA	N	50 HZ OPT	
112	47407	XFMR,INV SPLY,60 HZ,ICS	9	1.000	EA	N	60 HZ OPT	
113	48231	SCREW,SHCS,10-32X3/4	9	4.000	EA	Y	115V OPT	
113	48231	SCREW,SHCS,10-32X3/4	9	8.000	EA	Y	COMMON	
114	86035	CLP,1 MFD CAP	9	2.000	EA	Y	COMMON	
115	47370	PCB,PWR SPLY,S/A	9	1.000	EA	N	COMMON	
116	47511	INDUCTOR,FILTER,DUAL,WIND	9	1.000	EA	N	COMMON	
205	47801	XFMR,LGC SPLY,50 HZ,ICS	9	1.000	EA	N	50 HZ OPT	
205	47802	XFMR,LGC SPLY,60 HZ,ICS	9	1.000	EA	N	60 HZ OPT	
392	88550	XFMR,480V:115V	9	1.000	EA	N	115V OPT	

## ICS 2000 NEMA 3

SEQ No.	PN	ITEM DESCRIPTION	SHEET	CITY	UCM	PO	BOM DESC	STD REV
1	47431	ENCL,2000,NEMA 3	10	1.000	EA	N	COMMON	
42	87220	NUT,NYLOC,3/8-16,LOW-PROF	10	4.000	EA	Y	321/324	
42	87220	NUT,NYLOC,3/8-16,LOW-PROF	10	4.000	EA	Y	321/324	
43	85032	WSHR,FLAT,3/8,STEEL	10	4.000	EA	Y	321/324	
43	85032	WSHR,FLAT,3/8,STEEL	10	4.000	EA	Y	321/324	
43	85032	WSHR,FLAT,3/8,STEEL	10	4.000	EA	Y	321/324	
52	85002	WSHR,FLAT,1/4,STEEL	10	1.000	EA	Y	321/324	
52	85002	WSHR,FLAT,1/4,STEEL	10	8.000	EA	Y	321/324	
53	85007	WSHR,LOCK,HLCL,1/4	10	8.000	EA	Y	321/324	
111	86459	RTV,CLEAR	10	3.000	OZ	Y	COMMON	
118	85000	BOLT,HH,1/4-20X3/4	10	8.000	EA	Y	COMMON	
119	88759	PNL,GLASTIC	10	1.000	EA	N	COMMON	
120	85043	BOLT,HH,3/8-16X1	10	4.000	EA	Y	COMMON	
121	85041	WSHR,LOCK,HCL,3/8	10	4.000	EA	Y	COMMON	
122	86124	CONN,STUD,GRD	10	1.000	EA	Y	COMMON	
123	86100	CONN,STR,1/2" LIQUID TITE	10	1.000	EA	Y	COMMON	
124	88744	BAR,LOCKING,DOOR	10	1.000	EA	Y	COMMON	
125	86125	PIN,COTTER,1/16"X1"	10	1.000	EA	Y	COMMON	
126	86115	GROM,1/4 HOSE	10	2.000	EA	Y	COMMON	
214	47700	LBL,LIFTING EARS	10	2.000	EA	Y	COMMON	
306	87271	LIGHTNING ARRS S/A	10	1.000	EA	N	ARRS OPT	
306	89852	MOV S/A	10	1.000	EA	N	MOV OPT	
306	B4285	COVER PLATE S/A	10	1.000	EA	N	NO SRG OPT	

## ICS 2000 NEMA 3

SEQ No	PN	ITEM DESCRIPTION	SHEET	QTY	LOC	PD	BOMDESC	STD REV
118	85000	BOLT,HH,1/4-20X3/4	11	4.000	EA	Y	COMMON	
126	86115	GROM,1/4 HOSE	11	1.000	EA	Y	COMMON	
140	47547	LIGHT,PILOT,RED	11	1.000	EA	N	CL	
141	47548	LIGHT,PILOT,GREEN	11	1.000	EA	N	RUN	
142	47549	LIGHT,PILOT,AMBER	11	1.000	EA	N	UL	
151	87891	GSKT,AMP CHART RECORDER	11	1.000	EA	N	AMP COMMON	
152	31408	RECORDER,AMP CHART	11	1.000	EA	N	AMP COMMON	
153	89684	LEGEND,OVERLOAD	11	1.000		N	CL	
153	89684	LEGEND,OVERLOAD	11	1.000	EA	N	CL	
154	48097	LEGEND,MODE 1-OFF-MODE 2	11	1.000	EA	N	MODE	
155	88919	HDL,OPERATING,ASH-GY	11	1.000	EA	N	MODE	
156	88915	OPR,PUSHBUTTON	11	1.000	EA	N	START	
157	88916	CAP,PUSHBUTTON	11	1.000	EA	N	START	
158	47747	BLK,LOGIC REED,NO	11	1.000	EA	N	MODE	
158	47747	BLK,LOGIC REED,NO	11	1.000	EA	N	START	
159	86635	LBL,ELECTRICAL SHOCK	11	1.000	EA	N	COMMON	
160	88547	LBL,ELECTROSPEED	11	1.000	EA	N	COMMON	
161	86131	HDL,VARIDEPHT MECH	11	1.000	EA	N	COMMON	
162	90212	LATCH,DOOR,STD,NEMA 1 & 3	11	2.000	EA	N	COMMON	
163	85124	NUT,NYLOC,1/4-20	11	4.000	EA	Y	COMMON	
164	89822	NPL,ELECTROSPEED	11	1.000	EA	Y	COMMON	
165	88638	RVT,BLIND,1/8X3/8	11	4.000	EA	Y	COMMON	
198	86887	GSKT,1/4-1,ADH BACKED	11	13.500	FT	Y	COMMON	
202	47746	OPR,3 POS	11	1.000	EA	N	MODE	
203	47748	BLK,LOGIC REED,NC	11	1.000	EA	N	MODE	
204	47618	HOLE SEAL,HOFFMAN	11	2.000	EA	Y	HOLE PLUGS	
216	31415	CHT,AMTR,7 DAY	11	1.000	BX	N	AMP 321	
216	47655	CHT,AMTR,7 DAY	11	1.000	BX	N	AMP 322	
216	34757	CHT,AMTR,7 DAY	11	1.000	BX	N	AMP 323	
216	89061	CHT,AMTR,7 DAY	11	1.000	BX	N	AMP 324	
217	31412	CHT,AMTR,24 HR	11	1.000	BX	N	AMP 321	
217	47656	CHT,AMTR,24 HR	11	1.000	BX	N	AMP 322	
217	34756	CHT,AMTR,24 HR	11	1.000	BX	N	AMP 323	
217	89062	CHT,AMTR,24 HR	11	1.000	BX	N	AMP 324	
299	48098	LEGEND,UNDERLOAD	11	1.000	EA	N	UL	
300	48099	LEGEND,RUN	11	1.000	EA	N	RUN	
301	48101	LEGEND,START	11	1.000	EA	N	START	
330	89040	BINDER	11	1.000	EA	Y	COMMON	
381	49128	CONTENTS,ICS MNL	11	1.000	EA	N	COMMON	
383	40907	DECAL,MTR CNTRLR	11	1.000	EA	Y	COMMON	

## ICS 2000 NEMA 3

SEQ No.	PN	ITEM DESCRIPTION	SHEET	CITY	UOM	PO	BOMDESC	STD REV
34	85017	WSHR,LOCK,INT STAR,#8	12	22.000	EA	Y	321/324	
34	85017	WSHR,LOCK,INT STAR,#8	12	4.000	EA	Y	PHD MTG	
46	85020	SCREW,BHMS,6-32X1/2	12	4.000	EA	Y	COMMON	
47	85022	WSHR,LOCK,INT STAR,NO.6	12	8.000	EA	Y	COMMON	
54	85006	NUT,HEX,1/4-20,STEEL	12	2.000	EA	Y	COMMON	
78	88776	STDF,HEX,8-32X1/2,MF	12	6.000	EA	Y	COMMON	
166	47564	HINGE,ENCL,OPERATOR INTER	12	2.000	EA	Y	COMMON	
167	90261	DOOR,ENCL,OPERATOR INTFC	12	1.000	EA	N	COMMON	
168	47563	GROM,CONTINUOUS	12	0.700	FT	Y	COMMON	
169	89843	ENCL,OPERATOR INTFC	12	1.000	EA	N	COMMON	
170	47843	STDF,HEX,8-32X1,MF	12	16.000	EA	Y	COMMON	
170	47843	STDF,HEX,8-32X1,MF	12	4.000	EA	Y	PHD MTG	
189	47573	STDF,6-32X7/8,HEX,MF	12	4.000	EA	Y	COMMON	
190	85029	NUT,HEX,6-32	12	4.000	EA	Y	COMMON	
191	47323	OPERATOR INTEFACE BD,PCB	12	1.000	EA	N	COMMON	
192	90269	DOOR INTERFACE PCB	12	1.000	EA	N	COMMON	
193	47371	DIGITAL CONTROL BOARD,PCB	12	1.000	EA	N	COMMON	
194	47572	SCREW,BHMS,6-32X1/4, BLACK	12	4.000	EA	Y	COMMON	
195	85023	NUT,HEX,8-32,STEEL	12	2.000	EA	Y	COMMON	
196	48089	PLATE,LATCH,OPERATOR INTF	12	1.000	EA	N	COMMON	
197	47574	LATCH,SLAM,SOUTHCO	12	1.000	N		COMMON	
197	47574	LATCH,SLAM,SOUTHCO	12	1.000	EA	N	COMMON	
255	48104	PCB,ANALOG S/A	12	1.000	EA	N	ANALOG OPT	
255	47337	PHD PCB,S/A	12	1.000	EA	N	PHD MTG	
293	48100	BOLT,STOVE	12	1.000	EA	Y	COMMON	
307	48153	SPCR,.31"OD X .28" LG	12	4.000	Y		COMMON	
308	48199	BTRY,LITHIUM,3.6V	12	1.000	EA	N	COMMON	
309	48230	spacer,ff 8-32x3/8	12	10.000	EA	Y	COMMON	
326	48137	KEYPAD S/A	12	1.000	EA	N	OPTION	
326	49041	KEYPAD S/A,ODI,OIB	12	1.000	EA	N	OPTION	
336	48456	STDF,HEX,8-32X1 1/4, MF	12	4.000	EA	Y	OPTION	

## ICS 2000 NEMA 3

SEQ No	PN	ITEM DESCRIPTION	SHEET	QTY	UOM	PC	BOMDESC	STD REV
171	86235	CABLE, #3/0 HYPALON	14	8.600	FT	Y	321/322	
171	86235	CABLE, #3/0 HYPALON	14	11.600	FT	Y	323/324	
172	86238	LUG,3/0,3/8	14	2.000	EA	Y	321/322	
172	86238	LUG,3/0,3/8	14	6.000	EA	Y	323/324	
173	88160	LUG,2/0,5/16 STUD SIZE	14	3.000	EA	Y	322	C
173	88673	LUG,4/0,5/16	14	3.000	EA	Y	323/324	
174	88146	CABLE,1/0,HYPALON	14	7.200	FT	Y	322	C
174	88677	CABLE,4/0 EPDM	14	7.200	FT	Y	323/324	
175	88146	CABLE,1/0,HYPALON	14	4.700	FT	Y	321/322	
175	88146	CABLE,1/0,HYPALON	14	7.700	FT	Y	323/324	
176	88160	LUG,2/0,5/16 STUD SIZE	14	4.000	EA	Y	321/322	
176	88160	LUG,2/0,5/16 STUD SIZE	14	8.000	EA	Y	323/324	
177	85228	CONN,3/4	14	2.000	EA	Y	COMMON	
187	86005	SPIRAL WRAP	14	2.500	FT	Y	COMMON	
212	88767	STRIP,COPPER	14	3.000	EA	Y	COMMON	
324	86907	TIES,LARGE, TY-WRAP	14	3.000	EA	Y	COMMON	
395	88758	LUG,#6,5/16	14	4.000	EA	Y	321	C
395	88758	LUG,#6,5/16	14	2.000	EA	Y	322/324	
396	88757	CBL,#6	14	7.700	FT	Y	321	C
396	88757	CBL,#6	14	1.000	FT	Y	322/324	
397	87050	LUG,#6,1/4	14	1.000	EA	Y	321	
397	87050	LUG,#6,1/4	14	2.000	EA	Y	322/324	
398	49375	CORE,FERRITE	14	2.000	EA	N	COMMON	

## ICS 2000 NEMA 3

SEQ No	PN	ITEM DESCRIPTION	SHEET	CITY	LGM	PD	BOMDESIG	STD REV
5	48170	PNL,CAP,2000	15	1.000	EA	N	COMMON	
17	48227	SCREW,CPSHLSS,1/4-20X1.5	15	2.000	EA	Y		
33	85294	SCREW,SHCS,8-32X3/8	15	8.000	EA	Y	COMMON	
34	85017	WSHR,LOCK,INT STAR,#8	15	8.000	EA	Y	321/322	
52	85002	WSHR,FLAT,1/4,STEEL	15	4.000	EA	Y		
52	85002	WSHR,FLAT,1/4,STEEL	15	2.000	EA	Y	321/322	
53	85007	WSHR,LOCK,HLCL,1/4	15	4.000	EA	Y		
53	85007	WSHR,LOCK,HLCL,1/4	15	10.000	EA	Y	321/322	
54	85006	NUT,HEX,1/4-20,STEEL	15	2.000	EA	Y	COMMON	
69	85001	BOLT,HH,1/4-20X5/8	15	4.000	EA	Y		
72	86366	STDF,GLASTIC,1	15	4.000	EA	Y		
72	86366	STDF,GLASTIC,1	15	4.000	EA	Y	321/322	
85	86413	CAP,1400 MFD,350 VDC	15	8.000	EA	N	321	
85	86413	CAP,1400 MFD,350 VDC	15	16.000	EA	N	322	
86	85045	BOLT,HH,1/4-20X1/2	15	8.000	EA	Y	321/322	
88	48148	CLP,CAP,SIDE,ICS,2N3	15	2.000	EA	N	COMMON	
90	47570	CVR,CAP DECK,GLASTIC,2000	15	1.000	EA	N	321/322	
114	86035	CLP,1 MFD CAP	15	4.000	EA	Y	COMMON	
117	47556	CAP,7.5 MFD,MOTOR	15	1.000	EA	N	COMMON	
118	85000	BOLT,HH,1/4-20X3/4	15	2.000	EA	Y	COMMON	
198	86887	GSKT,1/4-1,ADH BACKED	15	3.800	FT	Y	321/322	
211	47345	CLMP,CAP,TOP,2N3,4N3,ICS	15	1.000	EA	N	321	
211	47345	CLMP,CAP,TOP,2N3,4N3,ICS	15	2.000	EA	N	322	
394	88551	CAP,FILTER	15	3.000	EA	N	COMMON	

ICS 2000 NEMA 3

SEQ No	PN	ITEM DESCRIPTION	SHEET	CTY	LOC	PO	BOMDESC	STD REV
5	48170	PNL,CAP,2000	16	1.000	EA	N	COMMON	
17	48227	SCREW,CPSHLSS,1/4-20X1.5	16	4.000	EA	Y		
33	85294	SCREW,SHCS,8-32X3/8	16	8.000	EA	Y	COMMON	
34	85017	WSHR,LOCK,INT STAR,#8	16	8.000	EA	Y	323/324	
52	85002	WSHR,FLAT,1/4,STEEL	16	4.000	EA	Y		
52	85002	WSHR,FLAT,1/4,STEEL	16	5.000	EA	Y	323/324	
53	85007	WSHR,LOCK,HLCL,1/4	16	4.000	EA	Y		
53	85007	WSHR,LOCK,HLCL,1/4	16	16.000	EA	Y	323/324	
54	85006	NUT,HEX,1/4-20,STEEL	16	2.000	EA	Y	COMMON	
69	85001	BOLT,HH,1/4-20X5/8	16	4.000	EA	Y		
72	86366	STDF,GLASTIC,1	16	4.000	EA	Y		
72	86366	STDF,GLASTIC,1	16	7.000	EA	Y	323/324	
85	86413	CAP,1400 MFD,350 VDC	16	24.000	EA	N	323	
85	86413	CAP,1400 MFD,350 VDC	16	32.000	EA	N	324	
86	85045	BOLT,HH,1/4-20X1/2	16	12.000	EA	Y	323/324	
87	88453	SPCR,ALUM,MF,1/4-20	16	3.000	EA	Y	323/324	
88	48148	CLP,CAP,SIDE,ICS,2N3	16	2.000	EA	N	COMMON	
89	85262	CLP,CAP,TOP,2000	16	1.000	EA	N	323/324	
90	47367	CVR,CAP DECK,GLASTIC,2000	16	1.000	EA	N	323/324	
114	86035	CLP,1 MFD CAP	16	4.000	EA	Y	COMMON	
117	47556	CAP,7.5 MFD,MOTOR	16	1.000	EA	N	COMMON	
118	85000	BOLT,HH,1/4-20X3/4	16	4.000	EA	Y	COMMON	
198	86887	GSKT,1/4-1,ADH BACKED	16	7.500	FT	Y	323/324	
211	47345	CLMP,CAP,TOP,2N3,4N3,ICS	16	3.000	EA	N	323	
211	47345	CLMP,CAP,TOP,2N3,4N3,ICS	16	4.000	EA	N	324	
394	88551	CAP,FILTER	16	3.000	EA	N	COMMON	

## ICS 2000 NEMA 3

SEQ No	PN	ITEM DESCRIPTION	SHEET	QTY	LOC	PO	BOMDESC	STD REV
2	47430	BASE,2000,NEMA 3	17	1.000	EA	N	COMMON	
9	86568	CVR,BASE,2000,NEMA 3	17	1.000	EA	N	COMMON	
13	85236	REACT,LINK	17	1.000	EA	N	322	
13	85236	REACT,LINK	17	1.000	EA	N	323	
13	85236	REACT,LINK	17	2.000	EA	N	324	
15	89651	GSKT,BASE,2000	17	1.000	EA	N	COMMON	
16	86463	OIL,UNIVOLT 61	17	15.000	GAL	Y	COMMON	
37	85011	WSHR,FLAT,5/16	17	2.000	EA	Y	321/322	
37	85011	WSHR,FLAT,5/16	17	4.000	EA	Y	323/324	
38	85038	WSHR,LOCK,HLCL,5/16	17	2.000	EA	Y	321/322	
38	85038	WSHR,LOCK,HLCL,5/16	17	4.000	EA	Y	323/324	
42	87220	NUT,NYLOC,3/8-16,LOW-PROF	17	8.000	EA	Y	321	
42	87220	NUT,NYLOC,3/8-16,LOW-PROF	17	4.000	EA	Y	322	
42	87220	NUT,NYLOC,3/8-16,LOW-PROF	17	12.000	EA	Y	323	
42	87220	NUT,NYLOC,3/8-16,LOW-PROF	17	8.000	EA	Y	324	
43	85032	WSHR,FLAT,3/8,STEEL	17	12.000	EA	Y	321/322	C
43	85032	WSHR,FLAT,3/8,STEEL	17	16.000	EA	Y	323/324	C
44	85037	BOLT,HH,5/16-18x1	17	2.000	EA	Y	321/322	
44	85037	BOLT,HH,5/16-18x1	17	4.000	EA	Y	323/324	
45	85012	NUT,HEX,5/16-18,STEEL	17	2.000	EA	Y	321/322	
45	85012	NUT,HEX,5/16-18,STEEL	17	4.000	EA	Y	323/324	
46	85020	SCREW,BHMS,6-32X1/2	17	16.000	EA	Y	COMMON	
47	85022	WSHR,LOCK,INT STAR,NO.6	17	16.000	EA	Y	COMMON	
121	85041	WSHR,LOCK,HCL,3/8	17	4.000	EA	Y		
213	47710	REACTOR,LINK	17	1.000	EA	N	321	
213	47710	REACTOR,LINK	17	1.000	EA	N	323	
215	89846	CMPD,ADH SPRAY	17	4.000	OZ	Y	COMMON	
218	47678	PLATE,MOUNTING,REACTOR	17	1.000	EA	N	321	
218	47678	PLATE,MOUNTING,REACTOR	17	1.000	EA	N	323	
375	85033	NUT,HEX,3/8-16,STEEL	17	4.000	EA	Y		
382	88764	PALLET, SHIPPING	17	1.000	EA	N	COMMON	
385	49524	S/A,BLEEDER RESISTOR,4SET	17	1.000	EA	N	COMMON	
399	85040	BOLT,HH,3/8-16x1-1/2	17	4.000	EA	Y	COMMON	C

## ICS 2000 NEMA 3

SEQ No	PN	ITEM DESCRIPTION	SHEET	CITY	LCM	PD	BOMDESC	STD REV
206	86061	TERM,RED RING,#10,CRP	18	3.000	EA	Y	321	
206	86061	TERM,RED RING,#10,CRP	18	4.000	EA	Y	322	
206	86061	TERM,RED RING,#10,CRP	18	5.000	EA	Y	323	
206	86061	TERM,RED RING,#10,CRP	18	6.000	EA	Y	324	
207	90348	CONN,3/4	18	1.000	EA	Y	COMMON	
208	90345	TBG,3/8	18	1.500	FT	Y	COMMON	

## ICS 2000 NEMA 3

SEQ No.	PN	ITEM DESCRIPTION	SHEET	CITY	UCM	PD	BOMDESC	STD REV
64	88597	TIES,TY-RAP,TY23M	19	90.000	EA	Y	COMMON	
206	86061	TERM,RED RING,#10,CRP	19	2.000	EA	Y	AMP COMMON	
206	86061	TERM,RED RING,#10,CRP	19	1.000	EA	Y	W/O AMP	
236	89235	WIRE,WHITE,18GA	19	136.900	FT	Y	COMMON	
236	89235	WIRE,WHITE,18GA	19	1.000	FT	Y	HTR OPT	
238	86283	TERM,#8,RED RING	19	2.000	EA	Y	COMMON	
239	47958	CONN,KEY,PLZN	19	40.000	EA	Y	COMMON	
241	89233	WIRE,GREEN,18GA	19	2.100	FT	Y	AMP COMMON	
241	89233	WIRE,GREEN,18GA	19	5.200	FT	Y	W/O AMP	
261	89232	WIRE,BLK,18GA	19	51.750	FT	Y	COMMON	
262	86346	TERM,RED,FEM DISC	19	15.000	EA	Y	COMMON	
262	86346	TERM,RED,FEM DISC	19	1.000	EA	Y	HTR OPT	
268	47743	CONN,HSG,8 CKT	19	7.000	EA	Y	COMMON	
269	47742	CONN,HSG,5 CKT	19	3.000	EA	Y	COMMON	
270	47741	CONN,PIN	19	70.000	EA	Y	COMMON	
271	47740	CONN,HSG,2 CKT	19	2.000	EA	Y	COMMON	
272	89457	TERM,RED,PUSH-ON	19	2.000	EA	Y	COMMON	
274	86526	TERM,RING,#10,YELLOW	19	1.000	EA	Y	COMMON	
275	86435	TERM,YELLOW SCOTCHLOCK	19	4.000	EA	Y	COMMON	
276	87052	PLUG,HSG,8 CKT	19	2.000	EA	Y	COMMON	
277	89809	SKT,CONTACT,18AWG	19	12.000	EA	Y	COMMON	
278	89236	WIRE,BL/YEL,TLW PAIR,22GA	19	9.500	FT	Y	COMMON	
289	47803	CONN,HSG,20 CKT	19	1.000	EA	Y	COMMON	
294	47959	CONN,HSG,6 CKT	19	2.000	EA	Y	COMMON	
295	47957	CONN,HSG,3 CKT	19	1.000	EA	Y	COMMON	
313	88747	TERM (SCR)	19	12.000	EA	Y	COMMON	
314	86520	TERM,3/8,RED RING	19	1.000	EA	Y	W/O AMP	
315	89803	BEAD, -	19	4.000	EA	Y	COMMON	
316	48232	BEAD, C	19	3.000	EA	Y	COMMON	
317	48233	BEAD, B	19	3.000	EA	Y	COMMON	
318	48234	BEAD, A	19	3.000	EA	Y	COMMON	
319	89802	BEAD, +	19	4.000	EA	Y	COMMON	
322	88095	MT,TIE-WRAP,W/HOLES	19	1.000	EA	Y	COMMON	
323	86479	TIES,MED TY-WRAP	19	6.000	EA	Y	COMMON	
327	47790	CBL,S/A,DCB TO INVERT	19	2.000	EA	N	COMMON	
328	47794	CBL,S/A,RIBBON,14IN	19	1.000	EA	N	COMMON	
335	48298	TERM,RED FEM DISC	19	6.000	EA	Y	COMMON	
403	86621	TERM,BLUE RING#10,CRP	19	6.000	EA	Y	COMMON	
404	86618	TERM,PUSH-ON	19	6.000	EA	Y	COMMON	
405	89242	WIRE,WHITE,14GA	19	3.000	FT	Y	COMMON	
406	89229	WIRE,BLACK,14GA,UL1015	19	4.000	FT	Y	COMMON	

## ICS 2000 NEMA 3

SEQ No	PN	ITEM DESCRIPTION	QTY	UOM	PC	BOMDESC	STD REV
			SHEET				
158	47747	BLK,LOGIC REED,NO	20	1.000	EA	N	START
203	47748	BLK,LOGIC REED,NC	20	1.000	EA	N	MODE
206	86061	TERM,RED RING,#10,CRP	20	3.000	EA	Y	AMP COMMON
236	89235	WIRE,WHITE,18GA	20	12.000	FT	Y	AMP COMMON
236	89235	WIRE,WHITE,18GA	20	8.300	FT	Y	MODE
236	89235	WIRE,WHITE,18GA	20	7.000	FT	Y	OL
236	89235	WIRE,WHITE,18GA	20	7.000	FT	Y	RUN
236	89235	WIRE,WHITE,18GA	20	5.200	FT	Y	START
236	89235	WIRE,WHITE,18GA	20	7.000	FT	Y	UL
241	89233	WIRE,GREEN,18GA	20	4.600	FT	Y	AMP COMMON
270	47741	CONN,PIN	20	3.000	EA	Y	MODE
270	47741	CONN,PIN	20	2.000	EA	Y	OL
270	47741	CONN,PIN	20	2.000	EA	Y	RUN
270	47741	CONN,PIN	20	2.000	EA	Y	START
270	47741	CONN,PIN	20	2.000	EA	Y	UL
271	47740	CONN,HSG,2 CKT	20	1.000	EA	Y	OL
271	47740	CONN,HSG,2 CKT	20	1.000	EA	Y	RUN
271	47740	CONN,HSG,2 CKT	20	1.000	EA	Y	START
271	47740	CONN,HSG,2 CKT	20	1.000	EA	Y	UL
279	86063	TERM,RED FORK,#8	20	2.000	EA	Y	AMP COMMON
295	47957	CONN,HSG,3 CKT	20	1.000	EA	Y	MODE
314	86520	TERM,3/8,RED RING	20	1.000	EA	Y	AMP COMMON

## REVISION STATUS OF SHEETS

REV	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
REV	H	B	E	C	C	D	D	D	G	E	C	C	A	C	D	B	C		

## REVISIONS

REV	DESCRIPTION	DATE APPROVED	PCN NO.
A	RELEASED FREE WHEELING DIODE, BUS BARS (ITEM 96), INSUL PAPER (ITEM 322 & 70), AND NOTES 7, 8, & 9 ON SH 3; ADD FREE WHEELING DIODE, DEL ITEM 53 ON TOP OF PNLS, CHG ITEM 80 TO 82 & MOVE FUSE TO OTHER SIDE OF BUS BAR ON SH 4; REVERSE LOCATIONS OF SNAP TRACK & RELAY TRACK ON SH 5; MOVE 6 CAPS 8.1" TO THE LEFT, DEL PCB & PCB PNL ON SH 6; INVERT HEATSLINK CLAMP, SHOW PCB MOUNTED TO WALL OF ENCL & ADD ITEM 31.39 .41 ON SH 7; DEL ITEM 248 & 121; ADD DIFF ITEM NO. 248 ON SH 8; CHG ITEM 2 TO 14 ON SH 9; ADD DET "F" & NOTE 4 ON SH 11; MOVE CABLES TO CENTER HOLES OF SIDE CLAMPS, CHG ITEM 118 & 86 (2 PLCS); ADD ITEM 54 & DEL ITEM 52 (2 PLCS) ON SH 12 & 13; DEL CAP DECK DET & NOTE, ADD FAN MTR & CAP TO PWR SUP PCB (U7), ADD PWR SUP CAP & NOTE AT INV PCB (J106) ON SH 16; ADD WIRE LENGTHS TO ALL DETAILS ON SH 17; DEL WIRE FROM INV PCB (J106) TO CAP DECK, ADD DET "A" ON SH 18; & ADD WIRE LENGTHS TO DET "A", "E", & "D" ON SH 19.	20APR90	13338
B	CHG ITEM NO. 314 TO 376 & 320 TO 375 ON SH 3; ADD ITEMS 39, 379, & 380 ON SH 6; CHG ITEM NO. 331 TO 377 ON SH 8; CHG ITEM NO. 370 TO 371 & 371 TO 370 ON SH 11; CHG ITEM NO. 31 TO 378 ON SH 14; CHG ITEM NO. 348 TO 314 ON SH 17; CHG ITEM NO. 348 TO 314 ON SH 19.	26SEP90	DLK 13338
C	ADD GRID WIRE TO CUSTOMER INTC PANEL ON SH 7; ADD NOTE NO. 9 TO SH 9; ADD HEATSLINKS AND GRID WIRE ON SH 16; ADD DET "F" & "I" ON SH 17.	4FEB91	JERALD RIDER 13491
D	CHG ITEM NO. 313 TO 120 ON SH 2; ADD ITEMS 43, 69, 53, 72 & 87; AND MOVE ITEMS 47, 178 & 179 FROM THE MIDDLE SET OF THE UPPER SET OF BUS BARS ON SH 3; CHG ITEM 44 TO 254; ADD ITEM A3 & 364 IN DET "A" ON SH 4; ADD NOTE 1 ON SH 5; INDICATE ORIENTATION OF INDUCTOR (ITEM NO. 116) ON SH 6; ADD ITEM 94, 364 & NOTE 3 ON SH 7; CHG ITEM 363 TO 368 ON SH 8; DEL ITEM 53 ON SH 9; ADD 2 MORE HOLES IN THE DOOR FOR NAMEPLATE (ITEM NO. 164) ON SH 11; ADD ITEMS 52, 53 & 88; CHG ITEM 92 TO 198 ON SH 12 & 13; & DEL 1 ITEM 37 ON SH 14.	22JUL91	JERALD RIDER 13571
E	DEL SH 10 (OPERATOR INTERFACE ASSEMBLY) FROM THIS DWG PACKAGE.	1NOV91	JERALD RIDER 13543
F	CHG ITEM NO. 178 TO 107 ON SH 3.	13APR92	13747

MATERIAL

MATERIAL		NOTES		MATERIAL		NOTES	
1	ASME B16.5	1	ASME B16.5	1	ASME B16.5	1	ASME B16.5
2	1/2" NPT	2	1/2" NPT	2	1/2" NPT	2	1/2" NPT
3	1/2" NPT	3	1/2" NPT	3	1/2" NPT	3	1/2" NPT
4	1/2" NPT	4	1/2" NPT	4	1/2" NPT	4	1/2" NPT
5	1/2" NPT	5	1/2" NPT	5	1/2" NPT	5	1/2" NPT
6	1/2" NPT	6	1/2" NPT	6	1/2" NPT	6	1/2" NPT
7	1/2" NPT	7	1/2" NPT	7	1/2" NPT	7	1/2" NPT
8	1/2" NPT	8	1/2" NPT	8	1/2" NPT	8	1/2" NPT
9	1/2" NPT	9	1/2" NPT	9	1/2" NPT	9	1/2" NPT
10	1/2" NPT	10	1/2" NPT	10	1/2" NPT	10	1/2" NPT
11	1/2" NPT	11	1/2" NPT	11	1/2" NPT	11	1/2" NPT
12	1/2" NPT	12	1/2" NPT	12	1/2" NPT	12	1/2" NPT
13	1/2" NPT	13	1/2" NPT	13	1/2" NPT	13	1/2" NPT
14	1/2" NPT	14	1/2" NPT	14	1/2" NPT	14	1/2" NPT
15	1/2" NPT	15	1/2" NPT	15	1/2" NPT	15	1/2" NPT
16	1/2" NPT	16	1/2" NPT	16	1/2" NPT	16	1/2" NPT
17	1/2" NPT	17	1/2" NPT	17	1/2" NPT	17	1/2" NPT
18	1/2" NPT	18	1/2" NPT	18	1/2" NPT	18	1/2" NPT
19	1/2" NPT	19	1/2" NPT	19	1/2" NPT	19	1/2" NPT
20	1/2" NPT	20	1/2" NPT	20	1/2" NPT	20	1/2" NPT
21	1/2" NPT	21	1/2" NPT	21	1/2" NPT	21	1/2" NPT
22	1/2" NPT	22	1/2" NPT	22	1/2" NPT	22	1/2" NPT
23	1/2" NPT	23	1/2" NPT	23	1/2" NPT	23	1/2" NPT
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26	1/2" NPT	26	1/2" NPT	26	1/2" NPT	26	1/2" NPT
27	1/2" NPT	27	1/2" NPT	27	1/2" NPT	27	1/2" NPT
28	1/2" NPT	28	1/2" NPT	28	1/2" NPT	28	1/2" NPT
29	1/2" NPT	29	1/2" NPT	29	1/2" NPT	29	1/2" NPT
30	1/2" NPT	30	1/2" NPT	30	1/2" NPT	30	1/2" NPT
31	1/2" NPT	31	1/2" NPT	31	1/2" NPT	31	1/2" NPT
32	1/2" NPT	32	1/2" NPT	32	1/2" NPT	32	1/2" NPT
33	1/2" NPT	33	1/2" NPT	33	1/2" NPT	33	1/2" NPT
34	1/2" NPT	34	1/2" NPT	34	1/2" NPT	34	1/2" NPT
35	1/2" NPT	35	1/2" NPT	35	1/2" NPT	35	1/2" NPT
36	1/2" NPT	36	1/2" NPT	36	1/2" NPT	36	1/2" NPT
37	1/2" NPT	37	1/2" NPT	37	1/2" NPT	37	1/2" NPT
38	1/2" NPT	38	1/2" NPT	38	1/2" NPT	38	1/2" NPT
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81	1/2" NPT	81	1/2" NPT	81	1/2" NPT	81	1/2" NPT
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86	1/2" NPT	86	1/2" NPT	86	1/2" NPT	86	1/2" NPT
87	1/2" NPT	87	1/2" NPT	87	1/2" NPT	87	1/2" NPT
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93	1/2" NPT	93	1/2" NPT	93	1/2" NPT	93	1/2" NPT
94	1/2" NPT	94	1/2" NPT	94	1/2" NPT	94	1/2" NPT
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100	1/2" NPT	100	1/2" NPT	100	1/2" NPT	100	1/2" NPT
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102	1/2" NPT	102	1/2" NPT	102	1/2" NPT	102	1/2" NPT
103	1/2" NPT	103	1/2" NPT	103	1/2" NPT	103	1/2" NPT
104	1/2" NPT	104	1/2" NPT	104	1/2" NPT	104	1/2" NPT
105	1/2" NPT	105	1/2" NPT	105	1/2" NPT	105	1/2" NPT
106	1/2" NPT	106	1/2" NPT	106	1/2" NPT	106	1/2" NPT
107	1/2" NPT	107	1/2" NPT	107	1/2" NPT	107	1/2" NPT
108	1/2" NPT	108	1/2" NPT	108	1/2" NPT	108	1/2" NPT
109	1/2" NPT	109	1/2" NPT	109	1/2" NPT	109	1/2" NPT
110	1/2" NPT	110	1/2" NPT	110	1/2" NPT	110	1/2" NPT
111	1/2" NPT	111	1/2" NPT	111	1/2" NPT	111	1/2" NPT
112	1/2" NPT	112	1/2" NPT	112	1/2" NPT	112	1/2" NPT
113	1/2" NPT	113	1/2" NPT	113	1/2" NPT	113	1/2" NPT
114	1/2" NPT	114	1				

## ICS 4000 NEMA 1

SEQ NO	PN	ITEM/DES	SHEET	CITY	LICM	PD	BOMDESC	STD REV
21	88445	HT SINK,4000,NEMA3	2	3.000	EA	N	COMMON	
23	85332	MDL,TRANSISTOR	2	15.000	EA	N	145	
23	85332	MDL,TRANSISTOR	2	18.000	EA	N	146	
23	85332	MDL,TRANSISTOR	2	21.000	EA	N	147	
23	85332	MDL,TRANSISTOR	2	24.000	EA	N	148	
26	47557	SWITCH,THERMAL	2	1.000	EA	Y	COMMON	
34	85017	WSHR,LOCK,INT STAR,#8	2	60.000	EA	Y	145	
34	85017	WSHR,LOCK,INT STAR,#8	2	72.000	EA	Y	146	
34	85017	WSHR,LOCK,INT STAR,#8	2	84.000	EA	Y	147	
34	85017	WSHR,LOCK,INT STAR,#8	2	96.000	EA	Y	148	
38	85038	WSHR,LOCK,HLCL,5/16	2	12.000	EA	Y	145/148	
53	85007	WSHR,LOCK,HLCL,1/4	2	45.000	EA	Y	145	
53	85007	WSHR,LOCK,HLCL,1/4	2	54.000	EA	Y	146	
53	85007	WSHR,LOCK,HLCL,1/4	2	63.000	EA	Y	147	
53	85007	WSHR,LOCK,HLCL,1/4	2	72.000	EA	Y	148	
73	88126	CMPD,THERMAL COND	2	0.400	OZ	Y	COMMON	
75	88818	SCREW,SHCS,8-32x1/2	2	60.000	EA	Y	145	
75	88818	SCREW,SHCS,8-32x1/2	2	72.000	EA	Y	146	
75	88818	SCREW,SHCS,8-32x1/2	2	84.000	EA	Y	147	
75	88818	SCREW,SHCS,8-32x1/2	2	96.000	EA	Y	148	
76	88469	SCREW,SHCS,6MM-1X20MM	2	45.000	EA	Y	145	
76	88469	SCREW,SHCS,6MM-1X20MM	2	54.000	EA	Y	146	
76	88469	SCREW,SHCS,6MM-1X20MM	2	63.000	EA	Y	147	
76	88469	SCREW,SHCS,6MM-1X20MM	2	72.000	EA	Y	148	
81	86210	SPCR, 400 INVERTER	2	6.000	EA	N	COMMON	
83	85776	SCREW,BHMS,4-40X3/8	2	2.000	EA	Y	COMMON	
84	87560	WSHR,LOCK,HLCL,#4	2	2.000	EA	Y	COMMON	
98	88643	BAR, XSTR BUS, 4000	2	6.000	EA	N	COMMON	
102	88642	BAR,OUT XSTR BUS, 4000	2	6.000	EA	N	COMMON	
120	85043	BOLT,HH,3/8-16X1	2	1.000	EA	Y	145/148	
121	85041	WSHR,LOCK,HCL,3/8	2	1.000	EA	Y	145/148	
254	85010	BOLT,HH,5/16-18X1-1/2	2	12.000	EA	Y	COMMON	
309	88650	BAR, XSTR BUS, 4000	2	6.000	EA	N	COMMON	
312	88658	BAR, POSITIVE CAP. BUS	2	1.000	EA	N	COMMON	
351	88656	BAR, POS INV BUS	2	1.000	EA	N	COMMON	
352	88655	BAR, INVERTER NEG BUS	2	1.000	EA	N	COMMON	