



MOTOR AMPS @ VOLTAGE 1725RPM						
HP	208	240	380	415	480	575
3/4	3.2	3.0	1.8	1.7	1.5	1.2
1	3.6	3.4	1.9	1.8	1.7	1.4
1.5	5.0	4.8	2.9	2.6	2.4	1.9
2	6.5	6.0	3.8	3.3	3.0	2.4
3	8.3	8.2	4.4	4.6	4.3	3.3
5	14.7	13.4	8.1	7.4	6.7	5.6
7.5	23.2	22.0	13.3	12.2	11.0	8.8
10.0	29.5	28.0	16.9	15.5	14.0	11.2

MOTOR FUSE SIZE CLASS "CC"						
HP	208	240	380	415	480	575
3/4	6.0	6.0	4.0	4.0	3.0	2.5
1	8.0	7.5	4.0	4.0	3.0	3.0
1.5	9.0	9.0	6.0	5.0	5.0	4.0
2	12.0	12.0	7.5	6.0	6.0	5.0
3	20.0	20.0	9.0	9.0	8.0	6.0
5	30.0	25.0	15.0	15.0	15.0	10.0
7.5	45.0	40.0	25.0	25.0	20.0	20.0
10.0	60.0	50.0	30.0	30.0	25.0	20.0

COMPONENT WATT RATING						
NEMA CONTACTORS	O.P. CONTACTORS	IEC CONTACTORS	RELAYS	SOLENOIDS	LAMPS	
00,0,1 24W	40A 4.4W	20,12,18 27,30,37,37.5A C43 10VA	4PDT .9W	1/4" 10.1W	FULL VOLT 3W	
2 60W	60A 6W	06,72,81 18VA	2PDT 1.2W	1/2" 10.1W	TRANSFORMER 1.5W	
3 82.8W	90A 16W	02,13,300 113VA B400 150VA	MACH. TOOL 7W	3/4" 6.1W	101 INCAND .5W	

HEATER AMPS @ VOLTAGE						
KW	208	240	380	415	480	600
6	17	15	9	8	7	6
12	33	29	18	17	14	12
18	50	43	27	25	22	17
24	67	58	37	33	29	23
30	83	72	45	42	36	30
36	100	87	55	50	43	35
42	116	101	64	59	51	42
48	133	115	73	67	58	46

HEATER FUSE SIZE @ VOLTAGE						
KW	208	240	380	415	480	600
6	25	20	12	10	10	10
12	45	40	25	25	20	15
18	70	60	35	35	30	25
24	90	80	50	45	40	30
30	125	90	60	60	45	40
36	125	110	70	70	60	45
42	150	150	80	80	70	60
48	**	150	100	90	80	60

MAIN PROTECTION						
KW	208	230	380	415	480	575
6	25	25	15	15	15	10
12	50	50	30	30	25	20
18	80	70	45	40	35	30
24	100	90	60	50	45	35
30	125	100	70	60	50	45
36	150	125	80	70	70	50
42	175	150	90	80	70	60
48	175	110	100	90	70	70

CLASS "CC" FUSE						
TRANS PRIMARY FUSE SIZE	SECONDARY FUSE	IF REQ'D				
VA	208	240	380	415	480	575
100	1.0	.8	.5	.5	.5	.5
150	1.0	1.0	.5	.5	.5	.4
250	1.5	1.5	1.0	.8	.8	.8
350	2.5	2.0	1.5	1.5	1.0	.8
500	3.0	3.0	2.0	2.0	1.5	1.5
750	5.0	5.0	2.5	2.5	2.5	2.0

1PM #		A	B	C
701-00135-00	U.L. PHASE RELAY	L1	L2	L3
701-00136-00	U.L. PHASE RELAY	L1	L2	L3
701-00066-00	U.L. PHASE RELAY	4	3	5
200-480V	U.L. PHASE RELAY	3	4	5
575V	U.L. PHASE RELAY	U	V	W

NOTES:
 *1) INDICATES A DEVICE NOT MOUNTED ON THE ELECTRIC PANEL
 2) LAST WIRE NO. USED: 72
 3) OPTIONAL EQUIPMENT IS INDICATED BY DASHED LINES.
 4) HI-LIMIT CTR. IS USED WITH LOCAL & REMOTE CONTROL OPTION.
 5) CONNECT RTD 1 DIRECTLY TO CONTROLLER WHEN 2SS NOT USED.

UNLESS OTHERWISE SPECIFIED TOLERANCE:		THIS PRINT IS THE PROPERTY OF ACS GROUP, THE INFORMATION THEREON IS SUBMITTED IN CONFIDENCE.			
QTY	FINISH TO BE	DATE	DRAWN	SCALE	SHEET 1 OF 1
X	:.040	5/23/03	CW	N/A	
X	:.020				
X	:.010				
X	:.005				

TITLE		DWG. NO.	
DIAG, ELEM, USO, MSO	ADVANCED, CTRL, STD	0682-91230-00	