



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	6.3	6.0	3.6	3.3	3.0	2.4
3	9.5	8.6	5.0	4.6	4.3	3.3
5	14.7	14.0	8.5	7.8	7.0	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	D.P. CONTACTORS	IEC CONTACTORS	RELAYS	SOLENOIDS	LAMPS
00,0,1 24W	40A 4.4W	A09,A12 8.2VA A30 7.7VA A38,A49 19VA	4PDT .9W	1/4" 10.1W	FULL VOLT 3W
2 60W	60A 6W	A80,A75 34VA B110 64VA B180 79VA	2DPT 1.2W	1/2" 10.1W	TRANSFORMER 1.5W
3 82.8W	90A 16W	B250,B300 135VA B400 188VA B600 216VA	MACH. TOOL 7W	3/4" * 1" 6.1W	IDI INCAND .5W

MAIN PROTECTION						
KW	208	230	380	415	460	575
6	25	25	15	15	15	10
12	60	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	125	110	70	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					
VA	208	240	380	415	480	575
100	1.0	.8	.5	.5	.5	1.6 AMP
150	1.0	1.0	.5	.5	.5	1.6 AMP
250	1.5	1.5	1.0	.8	.8	2.8 AMP
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

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	115	73	67	58	46	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	175	150	80	80	70	60
48	**	150	100	90	80	60

- NOTES:
- *1) INDICATES A DEVICE NOT MOUNTED ON THE ELECTRIC PANEL.
 - LAST WIRE NO. USED: 59
 - OPTIONAL EQUIPMENT IS INDICATED BY DASHED LINES.
 - HI-LIMIT CTR. IS USED WITH LOCAL, & REMOTE CONTROL OPTION.
 - CONNECT RTD 1 DIRECTLY TO CONTROLLER WHEN 2SS NOT USED.

SHEET 1 OF 1

DISC FUSE 2/28/03 UL-L ADD OPT. FLOW 10/15/02 CW 016/P110 LED 7/24/00 MAK 3/15/00 MAK REVISION	UNLESS OTHERWISE SPECIFIED TOLERANCE: DIM. SHOWN AS: TOL. X/*X : ±1/64 X. : ±.040 X.X : ±.020 X.XX : ±.010 X.XXX : ±.005	THIS PRINT IS THE PROPERTY OF STERLING INC., THIS INFORMATION THEREON IS SUBMITTED IN CONFIDENCE. DATE: 3/2/2000 DRAWN: MAK SCALE: NONE TITLE: DIAG,ELEM,MSO,,M2B,STD	DWG. NO. D682-87913
	STERLING, INC. MILWAUKEE, WIS.		