



9.1 TO 22K 47-100K  
 R1, 2, 3, 4, 6, R7, 15, 16, 18, 1, 26  
 8, 9, 10, 11, 12, 13, 14, 17, 23, 24, 28, 31, 32, 83

ALL RESISTORS = 1/4W EXCEPT AS MARKED  
 S5, S7 = 640454-4 AMP  
 S6, S7 = 640454-4 AMP

S1 = AMP# 640411-6  
 P1 = 640454-6 AMP  
 IC5 4030 OR 4070

Oct 13/1980  
**R9 LIGHTING CONTROLLER**  
 OMIT ON NON MATRIX  
 IC6, Q12, 13, 14, S10, S6C, D20-S5, R23, 24, 41-64, R73-80, C15-18, OPTO 5-8, 4001

OPTO 1-4 = MOC3010 TR 1-4  
 (MAY VARY PER FANAL)  
 R65-68 + 73-76  
 R20-1K2 + 77-80  
 R69-72 + 77-80  
 D28-35  
 OPTO 5-8 = MOC3010 TR 5-8

ALL NPN = 2N3904 EXCEPT Q7 = 2N3569  
 ALL PNP = 2N3906  
 ALL DIODES = 1N4148 EXCEPT D10-D14

ALL CAPS - 10V MINIMUM RATING

ALL CONNECTOR NUMBERS REFER TO "AMP" BRAND PRODUCTS

S8 = AMP# 1-480707-0  
 P8 = AMP# 1-480706-0  
 SOCKETS = AMP# 350552-1  
 600 PIN = AMP# 350669-1

Oct 13/80 FROM FIRST DRAFT JUNE 30/80

NOTE - THERE MAY BE A FUSE ON EACH TRIAC (S8)

LAST #	IC9	Q19	R83	OPTO 8	S10
	Q36	C18	TR4	S8	
	LED 5	P1	T1	P9	

S6A = AMP# 640411-5  
 S6B = AMP# 640411-2  
 S6C = AMP# 640411-3

P6 = AMP# 1-640454-0  
 P46 1.0 ON PCB SOCKET ON P.C. BOARD

T1 117V:6.3V@.6A  
 .2A S.B  
 S2 POWER  
 P9 HUBBEL PLUG  
 Oct 13/80  
 REV. MAR 14/82

S8/P8 AMP CONNECTOR  
 9 PIN - PINS ON CLASSIS  
 PIN 5 SPECIAL GROUND PIN  
 15A F.B  
 S2 POWER  
 P9 HUBBEL PLUG