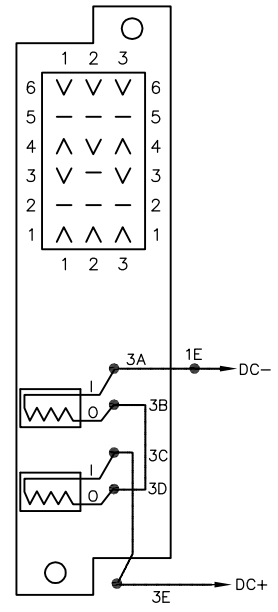
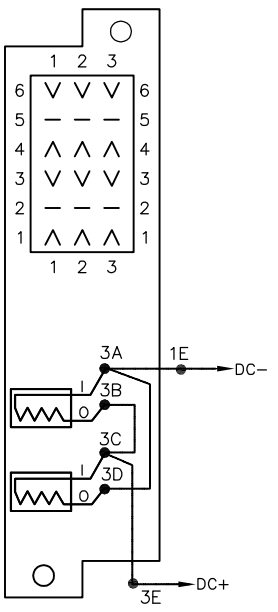


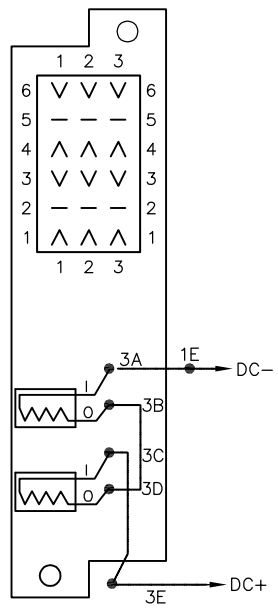
① (FRONT RELAY)  
BIASED NEUTRAL  
2 OHMS  
A62-120  
400510



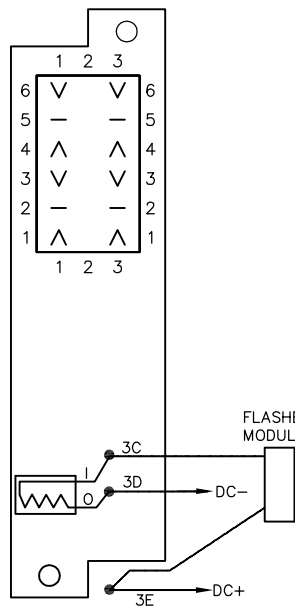
② (FRONT RELAY)  
BIASED NEUTRAL  
0.5 OHM  
A62-120  
400510



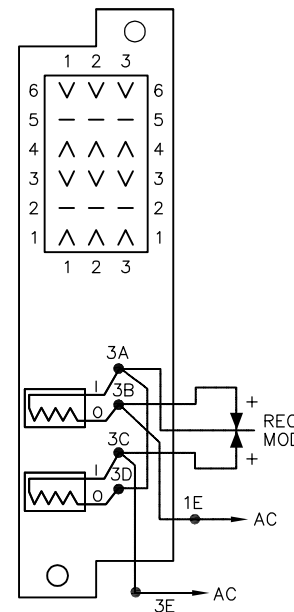
③ (FRONT RELAY)  
BIASED NEUTRAL  
500 OHM  
A62-125  
400500



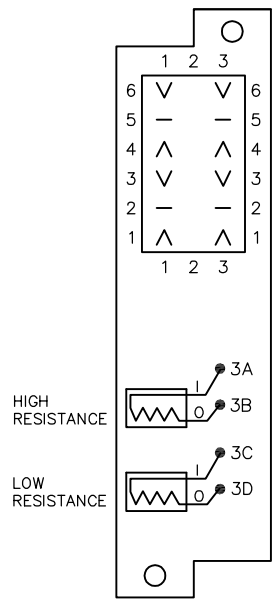
④ (FRONT RELAY)  
FLASHER  
60 OHM  
A62-195  
400700-X



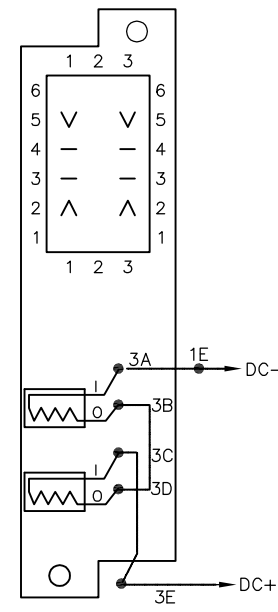
⑤ (FRONT RELAY)  
POWER TRANSFER  
100-100 OHM  
A62-579  
400801-X



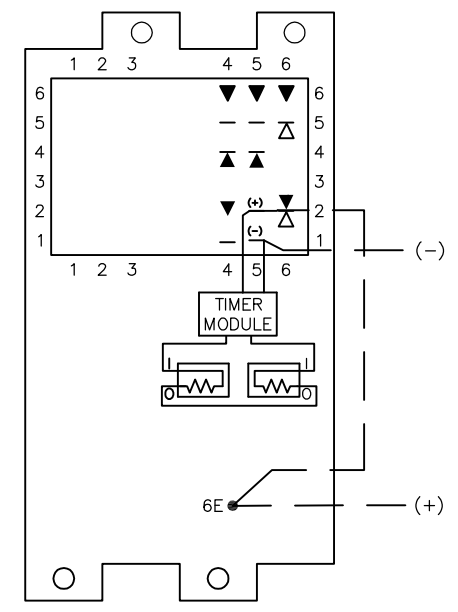
\*⑦ (FRONT RELAY)  
LIGHT OUT  
450/.069 OHM  
A62-217  
400302



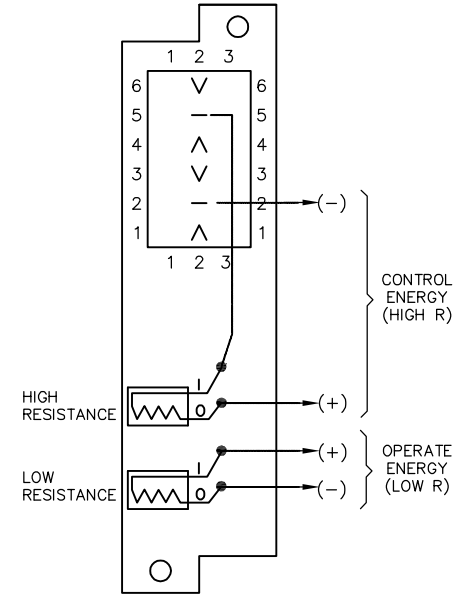
⑨ (FRONT RELAY)  
BIASED NEUTRAL  
500 OHM  
A62-429  
400520



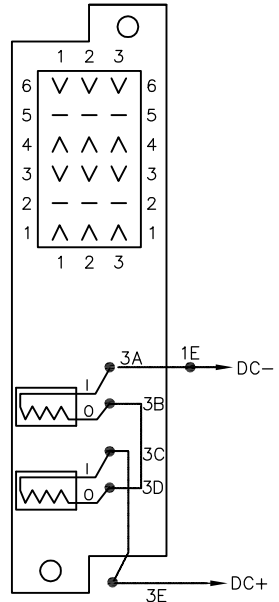
⑩ (FRONT RELAY)  
MICROCHRON TIMER  
500 OHM  
A62-627  
451000-X



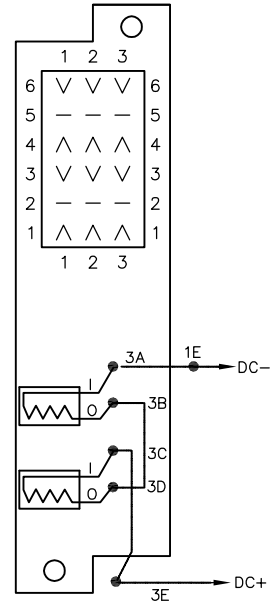
⑪ (FRONT RELAY)  
SWITCH OVERLOAD  
.064/135 OHM  
A62-430  
400601



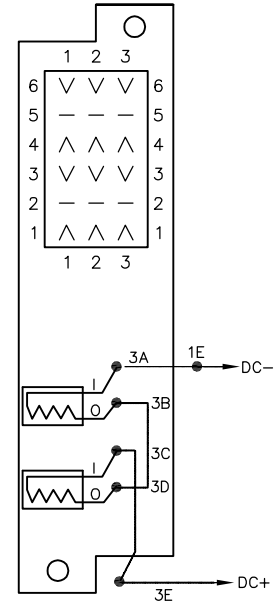
⑬ (FRONT RELAY)  
SERIES NEUTRAL  
24 OHM  
A62-365  
400221



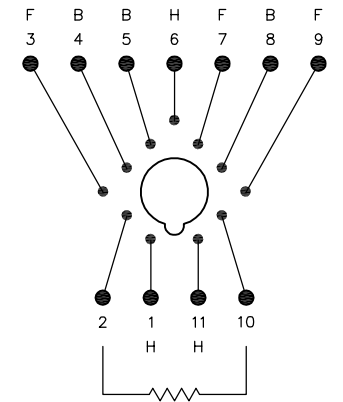
⑭ (FRONT RELAY)  
NEUTRAL  
500 OHM  
A62-262  
400000



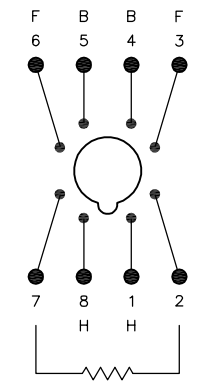
⑮ (FRONT RELAY)  
NEUTRAL  
500 OHM  
A62-580  
400023



NON-VITAL 3 CONTACT  
TERMINAL LOCATION



NON-VITAL TWO  
CONTACT  
TERMINAL LOCATION



\* LIGHT RELAY DIODE  
5 A, 1000 PIV  
SUGGESTED MR760  
MOTOROLA 6 A, 1000 PIV

ALSTOM B1 & B2/INVENYS ST1 & ST2  
RELAY BASE COIL AND JUMPER  
WIRING AND CONTACT ARRANGEMENT.

NOTE: ALSTOM, FORMALLY GRS  
INVENYS, FORMERLY SAFETRAN

PENINSULA CORRIDOR JOINT POWERS BOARD

STANDARD DRAWINGS

CADD FILE NO.: SD-5104

APPROVED BY:

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SIGNAL AND COMMUNICATION  
GENERAL SIGNAL  
PLUG-IN RELAY  
TYPICAL CONTACT ARRANGEMENT

REV 0 DATE 093011

SIGNAL

STANDARD NO.: SD-5104

REV	DATE	BY	CHK	APP	DESCRIPTION