



LEGEND & NOTES

- COMMON REFERENCE
- FEMALE CONNECTION
- FIXED MOUNT SWITCHING DEVICE
- INDICATOR LIGHT
- MALE CONNECTION
- MECHANICAL INTERLOCK
- N.C. PUSHBUTTON
- N.C. SELECTOR SWITCH
- N.C. CONTACT
- N.O. CONTACT
- N.O. PUSHBUTTON
- N.O. SELECTOR SWITCH
- RELAY OR TIMER, 120VAC
- TERMINAL BLOCK

ERA - EMERGENCY AUXILIARY RELAY
 ERB - EMERGENCY SOURCE AUXILIARY RELAY
 ESx - EMERGENCY AUXILIARY SWITCH CONNECTION
 Ex - EMERGENCY CUSTOMER CONNECTION
 KV - SOURCE VOTING RELAY
 MSS - MAINTENANCE SELECTOR SWITCH
 NRA - NORMAL AUXILIARY RELAY
 NSx - NORMAL AUXILIARY SWITCH
 Nx - NORMAL CUSTOMER CONNECTION
 Jx - FEMALE CONNECTOR
 Px - BOARD EDGE CONNECTOR
 Sx - MALE CONNECTOR
 SDSS - SERVICE DISCONNECT SELECTOR SWITCH
 TDCL - TIME DELAY CRANK LIMITER
 Tx - LOAD CUSTOMER CONNECTION

NOTE A: TERMINALS ARE TO BE CONNECTED TO REMOTE START CONTACT FROM GENERATOR

NOTE B: SOURCE VOTING RELAY (KV) REQUIRED WHEN NEUTRAL IS SWITCHED OR NOT AVAILABLE (208V, 240V 3PH. 3W) (240V 1PH. 3W 3-POLE)

NOTE C: NEUTRAL SWITCHED ON 4 POLE DEVICE

FOR LIST OF OPTIONS INSTALLED ON PARTICULAR SWITCH, SEE CUSTOMER INFORMATION DRAWING.
 ATS SHOWN WITH SWITCH DE-ENERGIZED, IN NEUTRAL POSITION
 FOR FURTHER DESCRIPTION OF OPERATION SEE I.L.15.01.T.K.

OPTION 14 - AUX RELAY

NRA	ERA
501-502-503 x 1	504-505-506
507-508-509 x 2	510-511-512
513-514-515 x 3	516-517-518
519-520-521 x 4	522-523-524

OPTION 15 - AUX CONTACTS

NORMAL	EMERGENCY
401-402-403 x 1	404-405-406
407-408-409 x 2	410-411-412
413-414-415 x 3	416-417-418
419-420-421 x 4	422-423-424

OPTION 6H 4 POS. SELECTOR SWITCH - LOGIC

CONTACT	TEST	AUTO	MAN	ENG. START
1-2	X	X		X
3-4	X	X		
5-6	X			
7-8				X

*X = CONTACT CLOSED

MP1 CONTROLLER

1	2	3
REVISION	02/04/00 E.SNELLING ADDED PINOUTS FOR S15, J15, S16, J16.	E.S. 03/22/00 ADDED TERMS 56,59,65,66,67 ADDED OPTIONS 24, 18H

ROUTING
 LVDA - VAULT
 LVDA - SHOP

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LES RENSEIGNEMENTS CI-DESSUS ONT ÉTÉ ÉLABORÉS PAR CUTLER-HAMMER. ILS VOUS SONT DIVULGUÉS EN TOUTE CONFIDANCE ET LEUR UTILISATION SE LIMITE AUX SEULES FINS POUR LESQUELLES ILS VOUS SONT TRANSMIS.

DFTR	DESS.	DATE
E.S.		11/23/99
APPD	APPR.	DATE
SCALE	NOT TO SCALE	
PRODUCT CODE	REVISION	DWG SIZE / ECHELLE
CODE PRODUIT	3	B

Cutler-Hammer		LVDA OAKVILLE, ON	
TITLE MP1 ATS CONTROLLER			
TYPE -		WIRING DIAGRAM	
G.O.	-	DWG	1B03394
C.G.	-	DESSIN	1 OF 1