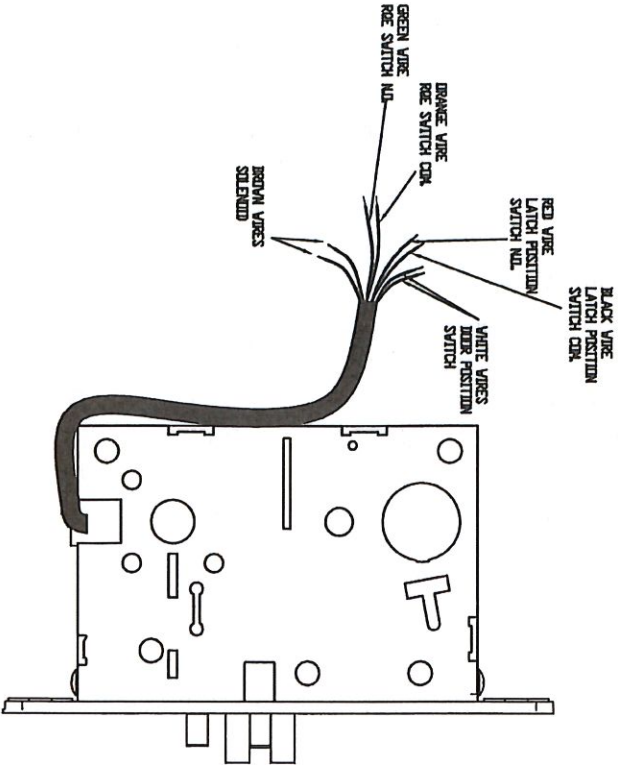


INSTALLATION GUIDE FOR MARSHALL BEST SECURITY ELECTRIFIED MORTISE LOCKS



INSTRUCTIONS

1. PREPARE MORTISE POCKET IN DOOR PER TEMPLATE. ACCESS FOR THE WIRING TO BE PER INSTALLERS REQUIREMENTS. IT IS RECOMMENDED THAT AN ACCESS CHANNEL IS BORED TO PROVIDE CONTACT FROM THE ELECTRIC TRANSFER HINGE OR OTHER MEANS OF TRANSFER TO THE MORTISE POCKET.
2. CONNECT WIRES AS NECESSARY (SOME OPTIONS MAY NOT USED) AND SLIP THE MORTISE INTO THE PREPARED POCKET IN THE DOOR. TAKE CARE TO ENSURE WIRES ARE NOT PINCHED OR DAMAGED. NOTE: IT IS RECOMMENDED THAT ALL WIRING BE DONE BY A LICENSED ELECTRICIAN FAMILIAR WITH THE SUPPORTING EQUIPMENT.
3. ALWAYS ENSURE DOOR OPERATES PROPERLY BEFORE LOCKING.

SPECIFICATIONS:

SOLENOID (SPECIFIED BY MODEL NUMBER)

12VDC 26.2±10% OHMS WIRE SIZE 22AWG OPERATE AT 12VDC±10% .50 Amps
 24VDC 104.7±10% OHMS WIRE SIZE 22AWG OPERATE AT 24VDC±10% .25 Amps

SWITCHES (NUL)


30VDC 2A WIRE SIZE 28AWG

REED SWITCH (NUL)

DOOR POSITION SWITCH WIRE SIZE 22 AWG 10VDC .3A OPERATING GAP 5/8" MAX

TERMS

- FAIL SAFE**- OUTER TRIM IS LOCKED WHEN POWER IS APPLIED. WHEN POWER IS REMOVED THE OUTER TRIM REMAINS UNLOCKED.
- FAIL SECURE**- OUTER TRIM IS UNLOCKED WHEN POWER IS APPLIED. WHEN POWER IS REMOVED THE OUTER TRIM REMAINS LOCKED.
- DOOR POSITION SWITCH**- MONITORS DOOR POSITION USING THE REED SWITCH AND STRIKE MAGNET.
- LATCH POSITION SWITCH**- MONITORS POSITION OF THE LATCH BOLT
- REQUEST FOR EXIT SWITCH**- MONITORS INSIDE LEVER POSITION

GUIDE	
DATE:	7-23-08
NAME:	ELECTRIFIED MORTISE
	

SOLENOID SPECIFICATIONS FOR MARSHALL BEST SECURITY

ELECTRIFIED MORTISE LOCKS

Duty cycle(%)= $\frac{\text{"ON" time}}{\text{"ON" time} + \text{"OFF" time}} \times 100\%$		Continuous (100%)	Or less (50%)	Or less (25%)	Or less (10%)	
MAX. "on" time in seconds		∞	230	25	6	
Watts at 20°C		5.5	11	22	55	
Ampere-turns at 20°C		738	1058	1476	2338	
Type no.	Resistance (20°C) $\Omega \pm 10\%$	No. turns	Volts DC			
RG-T-1632L06AA	6.5	800	6	8.5	12	19
RG-T-1632L12AA	26.2	1600	12	17	24	38
RG-T-1632L24AA	104.7	3200	24	34	48	76
RG-T-1632L48AA	419	6200	48	68	96	152