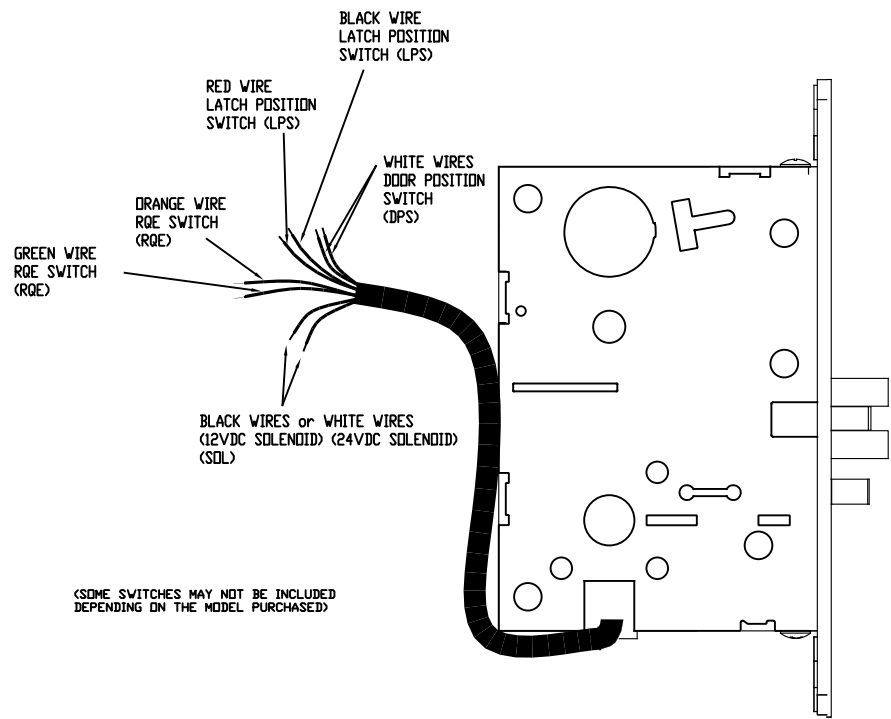


INSTALLATION GUIDE FOR ELECTRIFIED MORTISES



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	28.8+10%-0 Ω	0.42 Amp	WIRE SIZE 24AWG	OPERATE AT 12VDC±10%
24VDC	114+10%-0 Ω	0.21 Amp	WIRE SIZE 24AWG	OPERATE AT 24VDC±10%

SWITCHES (N.O.):

30VDC 2A WIRE SIZE 26-28AWG

REED SWITCH (N.O.):

DOOR POSITION SWITCH WIRE SIZE 28 AWG 10VDC .3A OPERATING GAP 5/8" MAX

TERMS

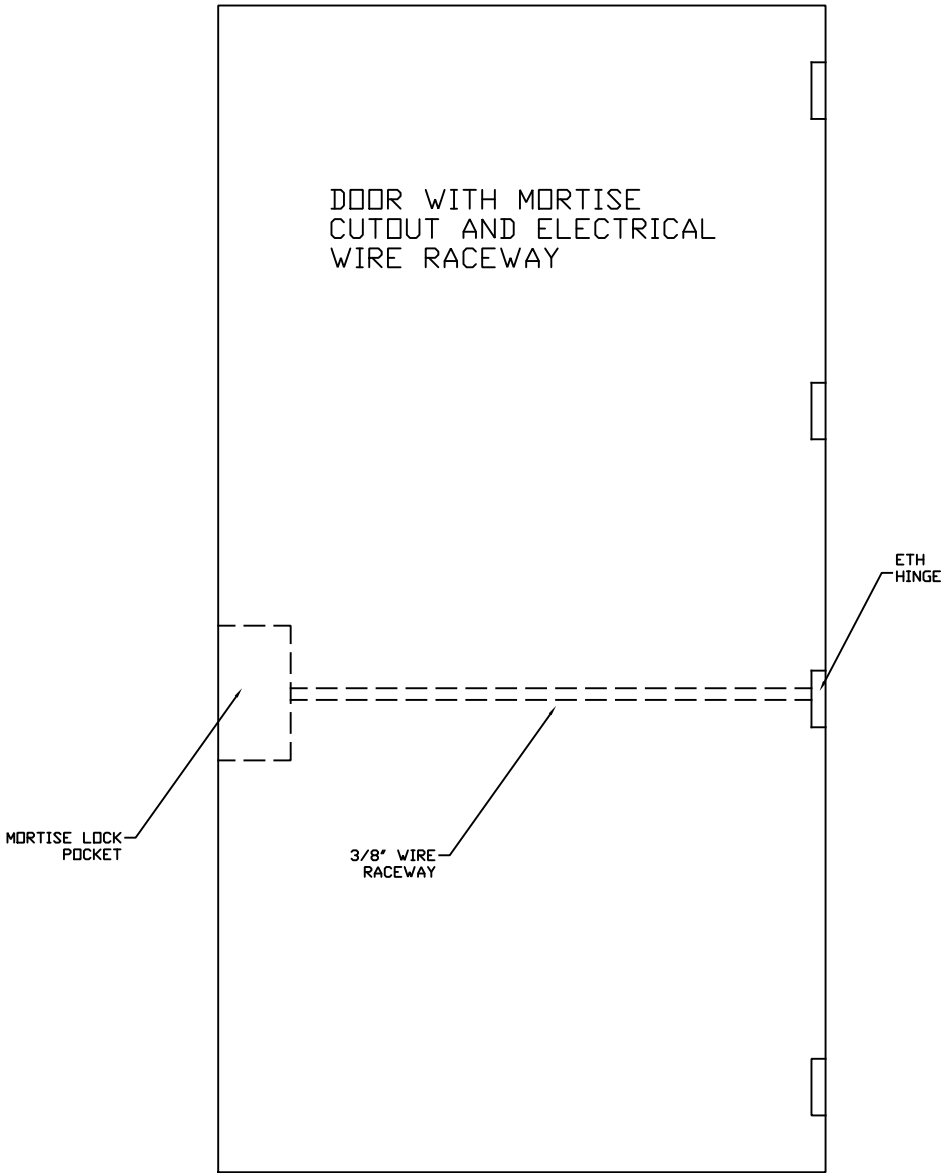
FAIL SAFE- OUTER TRIM IS LOCKED WHEN POWER IS APPLIED. WHEN POWER IS REMOVED THE OUTER TRIM REMAINS UNLOCKED.

FAIL SECURE- OUTER TRIM IS UNLOCKED WHEN POWER IS APPLIED. WHEN POWER IS REMOVED THE OUTER TRIM REMAINS LOCKED.

DOOR POSITION SWITCH (DPS)- MONITORS DOOR POSITION USING THE REED SWITCH AND STRIKE MAGNET.

LATCH POSITION SWITCH (LPS)- MONITORS POSITION OF THE LATCH BOLT

REQUEST FOR EXIT SWITCH (RQE)- MONITORS INSIDE LEVER POSITION



MAKE CUTOUT FOR THE MORTISE PER TEMPLATE, DRILL A 3/8" WIRE RACEWAY FROM BACK OF MORTISE POCKET TO THE ELECTRICAL TRANSFER (ETH) HINGE OR DEVICE. ROUT WIRES AS NEEDED THROUGH THE RACEWAY TO THE ETH.

TEMPLATE

DATE: 10/2/18

NAME:
ELECTRIFIED MORTISE
INSTALLATION INFO