SEQUENCE OF OPERATION

NORMAL CONDITION WITH DAMPER CLOSED
KEY SWITCH IS TURNED TO "CLOSED" POSITION. CONTACTS ARE OPEN. LOBBY
SMOKE DETECTORS ARE NOT IN ALARM.
CONTROL MODULE CONTACTS AT DAMPER
ARE OPEN, DAMPER MOTOR IS
DE-ENERGIZED AND DAMPER IS CLOSED.
DAMPER END SWITCH IS OPEN. CONTACTS
IN CONTROL MODULE AT SWITCH ARE OPEN.
INDICATOR LAMP AT SWITCH IS OFF.

DAMPER OPEN CONDITION
DAMPER WILL OPEN UNDER ONE OF TWO
CONDITIONS: 1) ANY LOBBY SMOKE
DETECTOR GOES INTO ALARM OR 2) KEY
SWITCH IS TURNED TO "OPEN" POSITION.
WHEN KEY SWITCH IS TURNED TO "OPEN"
POSITION, KEY CAN NOT BE REMOVED.
CONTACTS ON SWITCH CLOSE, CONTROL
MODULE INPUT BECOMES TRUE. FIRE
PANEL PROGRAMMING ACTIVATES CONTROL
MODULE AT DAMPER UNDER EITHER
CONDITION. ACTIVATION OF MODULE
CLOSES THE CONTACTS, ENERGISING THE
DAMPER MOTOR. MOTOR OPENS DAMPER AND
ACTIVATES THE END SWITCH, CLOSING ITS
CONTACTS. THE INPUT TO MONITOR
MODULE AT THE DAMPER BECOMES TRUE,
AND THE FIRE PANEL PROGRAMMING
ACTIVATES THE CONTROL MODULE AT THE
SWITCH. THE CONTACTS AT THIS CONTROL
MODULE CLOSE, ENERGISING THE
INDICATOR, SIGNALING THAT THE DAMPER
IS OPEN. KEY SWITCH CAN NOT OVERRIDE
DAMPER CLOSED IF ANY LOBBY DETECTOR
IS IN ALARM.

ELEVATOR SHAFT VENT CONTROL DETAILS

MATL. STORES ASSY. 61580650

INDICATOR LIGHT & SWITCH
ASSEMBLY MOUNTS IN DOUBLE
GANG EMERGENCY FLUSH BOX OR
WIREMOLD EXTRA DEEP BOX

LOCATE PILOT LIGHT &
SWITCH ASSEMBLY
ADJACENT TO FIRE ALARM
ANNUNCIATOR PANEL AT THE
FIRE ATTACK ENTRANCE