

# SARGENT® 55-56 PREFIX REMOTE LATCH RETRACTION 80 SERIES EXIT DEVICE

## I GENERAL INFORMATION

WHEN THE 55-56 SERIES EXIT DEVICE IS ENERGIZED, THE PUSH RAIL AND LATCH BOLT WILL RETRACT AND REMAIN IN AN UNLOCKED POSITION. WHEN THE DEVICE IS DE-ENERGIZED (OR POWER IS INTERRUPTED) THE LATCH BOLT WILL EXTEND. THE 55 PREFIX PROVIDES A SWITCH TO MONITOR THE PUSH RAIL. WHEN THE RAIL IS DEPRESSED OR DOGGED THE SWITCH IS ACTIVATED.

## II MOUNTING INSTRUCTIONS

### A. IMPORTANT

1. CAUTION: DISCONNECT ALL INPUT POWER BEFORE BEGINNING INSTALLATION TO PREVENT ELECTRICAL SHOCK AND EQUIPMENT DAMAGE.
2. INSTALLER MUST BE A TRAINED, EXPERIENCED SERVICE PERSON.
3. ALL WIRING MUST COMPLY WITH APPLICABLE LOCAL ELECTRICAL CODES, ORDINANCES AND REGULATIONS.

### B. INSTALLATION

1. MOUNT EXIT DEVICE PER INSTRUCTION SHEET PROVIDED.
2. PROVIDE A 1/4" DIAMETER MINIMUM RACEWAY TO ALLOW PASSAGE OF ELECTRICAL WIRES BETWEEN EXIT DEVICE AND ELECTRICAL HINGE.
3. WIRE CONNECTIONS TO EXIT DEVICE AS SHOWN IN FIGURE A.
4. FIGURE B SHOWS EXTERNAL COMPONENTS NECESSARY FOR OPERATION.
5. FIGURE C SHOWS TYPICAL WIRING AND OPERATION WHEN USING SARGENT ELECTRIFIED EXIT DEVICE WITH ACCESSORIES.

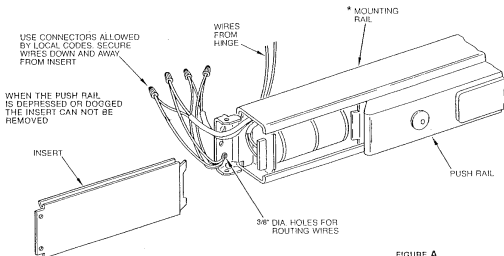


FIGURE A

\* NO FIELD CUT OFF ALLOWED.  
EXIT DEVICE MUST BE ORDERED FOR SPECIFIC DOOR WIDTH.

## WIRING DIAGRAM

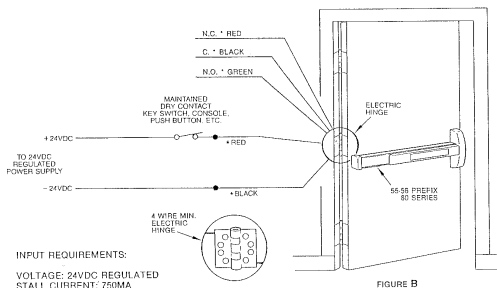
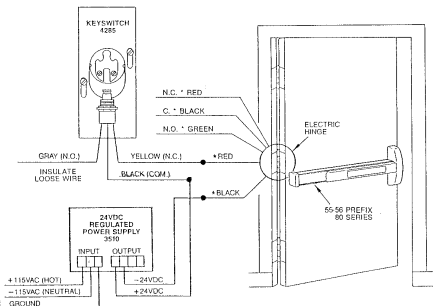


FIGURE B

## TYPICAL WIRING & OPERATION FOR NON-FIRE DOORS USING 4285 KEYSWITCH AND 3510 (24 VDC REGULATED) POWER SUPPLY



### OPERATION 4285 KEYSWITCH

1. INSERT KEY INTO CYLINDER.
2. ROTATE KEY TO ENERGIZE EXIT DEVICE. REMOVE KEY.
3. ROTATE KEY TO DE-ENERGIZE EXIT DEVICE. REMOVE KEY.

### NOTE:

1. WIRES MUST BE PROTECTED FROM ABRASION
2. FOR USE WITH CLASS II CIRCUITRY
3. • INDICATES WIRE CONNECTION
4. • COLORS OF WIRES SHOWN ARE OF LEADS FROM THE EXIT DEVICE ONLY, NOT ELECTRIC HINGE

FIGURE C