

### SCHEMATIC DIAGRAM

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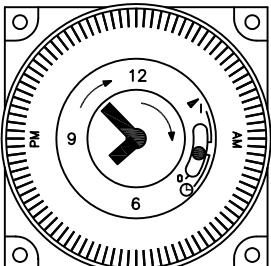
CP-1663

### EXTERNAL WIRING

FS1 – H.L. FLOAT SWITCH IN TREATMENT PLANT

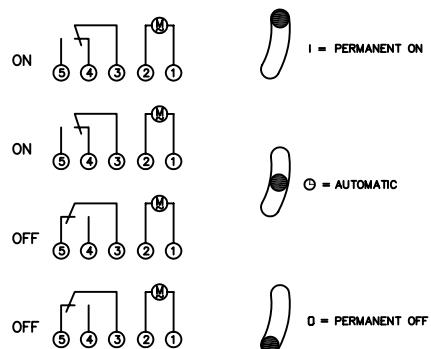
\* FUSE SIZE VARIES WITH COMPRESSOR SIZE PER NATIONAL ELECTRIC CODE.

– A SEPARATE DISCONNECT IS REQUIRED.



"OFF" POSITION – TRIPPERS PUSHED INWARD  
"ON" POSITION – TRIPPERS PUSHED OUTWARD

3-WAY MANUAL OVERRIDE SWITCH      I = PERMANENT ON  
    ⊕ = AUTOMATIC  
    O = PERMANENT OFF



### TIME SETTING

TURN THE PROGRAM DIAL GRADUALLY CLOCKWISE UNTIL THE DAY OF THE WEEK (7-DAY TIMER) AND TIME OF DAY ON THE OUTER DIAL IS ALIGNED WITH THE TRIANGLE MARKER ON THE INNER DIAL (TWO O'CLOCK POSITION). FOR TO-THE-MINUTE SETTING TURN THE MINUTE HAND CLOCKWISE TO THE EXACT TIME OF DAY.

EXAMPLE FOR 7-DAY PROGRAM DIAL. MONDAY 10:30 AM. TURN PROGRAM DIAL OR MINUTE HAND CLOCKWISE UNTIL MONDAY 10:30 AM IS ALIGNED WITH THE TRIANGLE ON THE INNER DIAL. THE HOUR AND MINUTE HAND WILL SHOW EXACTLY 10:30.

EXAMPLE FOR 24-HOUR PROGRAM DIAL. MONDAY 10:30 AM. TURN MINUTE HAND CLOCKWISE UNTIL 10:30 AM IS ALIGNED WITH TRIANGLE ON THE INNER DIAL. THE HOUR AND MINUTE HAND WILL SHOW EXACTLY 10:30.

### PROGRAMMING

THE WEEKLY PROGRAM DIAL REFLECTS THE SEVEN DAYS OF THE WEEK AND AM/PM IMPRINTS FOR EACH DAY. THE 24-HOUR DIAL HAS QUARTER-HOUR DIVISIONS AND AM/PM INDICATIONS.

THE TIME SWITCH IS PROGRAMMED BY PUSHING THE CAPTIVE TRIPPERS TO THE OUTER RING POSITION FOR THE ENTIRE PERIOD THAT THE LOAD IS TO BE TURNED "ON" I.E. FIFTEEN MINUTES FOR EACH TRIPPER ON THE TWENTY-FOUR DIAL AND TWO HOURS FOR EACH TRIPPER ON THE SEVEN DAY DIAL. WHEN THE TRIPPER IS PUSHED TO THE INSIDE THE SWITCH IS IN THE "OFF" POSITION.

HAND WILL SHOW EXACTLY 10:30.

### AUTOMATIC MODE

IN ORDER TO OPERATE THE TIME SWITCH MODULE IN THE AUTOMATIC MODE THE MANUAL SWITCH MUST BE IN THE CENTER POSITION (AUTOMATIC)–SEE DIAGRAM ABOVE.

### MANUAL MODE

WITH THE MANUAL SWITCH SELECTOR LEVER THE SELECTED PROGRAMS CAN BE OVERRIDDEN. IN THE LOWER POSITION MARKED O. TERMINALS 3 AND 5 ARE CLOSED–PERMANENT OFF. IN THE UPPER POSITION MARKED L TERMINALS 3 AND 4 ARE CLOSED–PERMANENT ON (SEE DIAGRAM ABOVE).