

OPERATION: UPON APPLICATION OF POWER TO TERMINALS #1 AND #2 THE SPEED CONTROL PULSES POWER TO THE ACTUATOR MOTOR AS DETERMINED BY THE SELECTION OF THE ON AND OFF TIME. AT THE END OF TRAVEL THE LIMIT SWITCH TURNS OFF POWER TO THE MOTOR. UPON APPLICATION OF POWER TO TERMINALS #1 AND #3 THE SPEED CONTROL AGAIN PULSES POWER TO THE MOTOR UNTIL THE LIMIT SWITCH CUTS OFF THE POWER TO THE MOTOR.

| S E C O N D S / M I N U T E S | ON TIME | | OFF TIME | |
|---|---------|----|----------|----|
| | OFF | ON | OFF | ON |
| .1 | █ | █ | █ | █ |
| .2 | █ | █ | █ | █ |
| .4 | █ | █ | █ | █ |
| .8 | █ | █ | █ | █ |
| 1.6 | █ | █ | █ | █ |
| 3.2 | █ | █ | █ | █ |
| 6.4 | █ | █ | █ | █ |
| 12.8 | █ | █ | █ | █ |
| 25.6 | █ | █ | █ | █ |
| 51.2 | █ | █ | █ | █ |

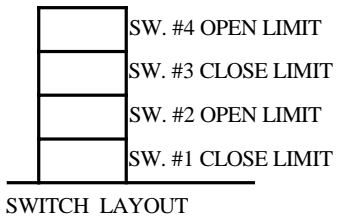
ADD ON TIME SELECTIONS
6.3 SECONDS OR MINUTES

ADD ON TIME SELECTIONS
21.6 SECONDS OR MINUTES

IN ADDITION TO ACTUATOR CYCLE TIME

NOTES:
POWER TO TERMINALS #1 & #2 OPENS THE VALVE (CCW ROTATION).
POWER TO TERMINALS #1 & #3 CLOSES THE VALVE (CW ROTATION).
TERMINALS #4 THRU #6 FOR OPEN AUXILIARY SWITCH.
TERMINALS #7 THRU #9 FOR CLOSE AUXILIARY SWITCH.
HOT TO TERMINAL 10 POWERS SPEED CONTROL.

WIRING DIAGRAM ILLUSTRATES THE ACTUATOR IN THE OPEN POSITION



AVAILABLE SPEED OPTIONS:

| MODEL | TIMING |
|--------|--|
| SCBN11 | ON .1 TO 102.3 SEC., OFF .1 TO 102.3 SEC |
| SCBN12 | ON .1 TO 102.3 SEC., OFF .1 TO 102.3 MIN |
| SCBN21 | ON .1 TO 102.3 MIN., OFF .1 TO 102.3 SEC |
| SCBN22 | ON .1 TO 102.3 MIN., OFF .1 TO 102.3 MIN |

ICI Indelac Controls, Inc.

WIRING DIAGRAM FOR ELECTRIC ACTUATOR WITH SPEED CONTROL ILLUSTRATING SEVERAL COMMON OPTIONS

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