

Emergency Lighting Test Switch

Function and Operation

The ELTSK4 emergency lighting test switch allows manual testing of single point emergency lighting systems by simulating a supply circuit failure. This switch allows four (4) emergency lighting circuits to be wired through a normally closed contactor.

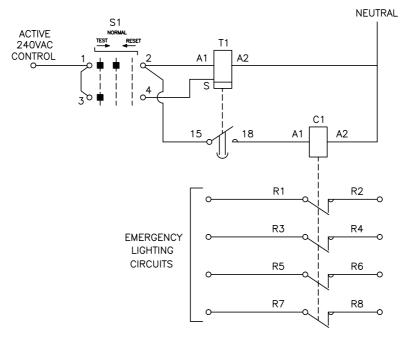
The test is initiated by momentarily selecting the TEST position on the key selector switch. This energizes the contactor and starts a delay off timer.

At the end of the test cycle, power is restored automatically, returning the emergency lighting circuits to normal operation. Momentary selection of RESET during the test cycle will also return the emergency lighting circuits to normal operation .





Schematic Diagram



S1 - 3 POSITION SPRING RETURN SELECTOR SWITCH

T1 - SIGNAL START DELAY OFF TIMER

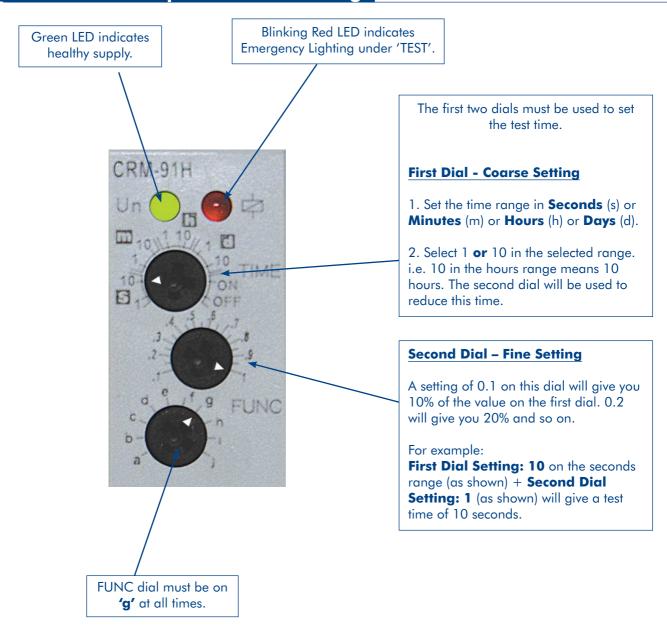
C1 - 4 N/C CONTACTOR

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CRM-91H Timer Operation and Setting



Note:

The timer is supplied preset with a test time of 10 seconds. This must be changed to the actual test time (refer to AS2293.1-2005 for test times).

The Function Dial is preset to 'g' and must remain in this position for the correct operation of Test Switch.