

TRIPLEXOR

ATP SERIES

APPLICATION DATA

Voltage Tolerances: +10%/-15% at 50/60Hz. (AC);
+10%/-15% of control voltage (DC)

Load (Burden): Less than 2VA for all voltages

Output Contacts: (3) SPNO 3A @ 24/120V AC General Purpose;
C300 Pilot Duty; 1/6HP @ 24/120VAC

Life:

Mechanical: 10,000,000 operations;
Full Load: 100,000 operations

Temperature: Operating: -28° to 65°C (-18° to 149°F)
Storage: -40° to 85°C (-40° to 185°F)

Time Delay: If power is lost & returns with more than just the LEAD Switch closed, there is a fixed 10 second delay between energization of the second output (Triplex & Duplex mode) & third output (Triplex mode only) to prevent all Loads from coming on at the same time.

LED Indication: One of the Red LEDs will be steady ON to indicate which Load will be energized first; all will flash (3 in Triplex mode or 2 only in Duplex mode) to indicate a switch out-of-sequence error.

Optional Selector Switch Settings:

Allows unit to operate as standard Triplexor or Duplexor, or lock selected Loads to operate first (Lead Load) each time:

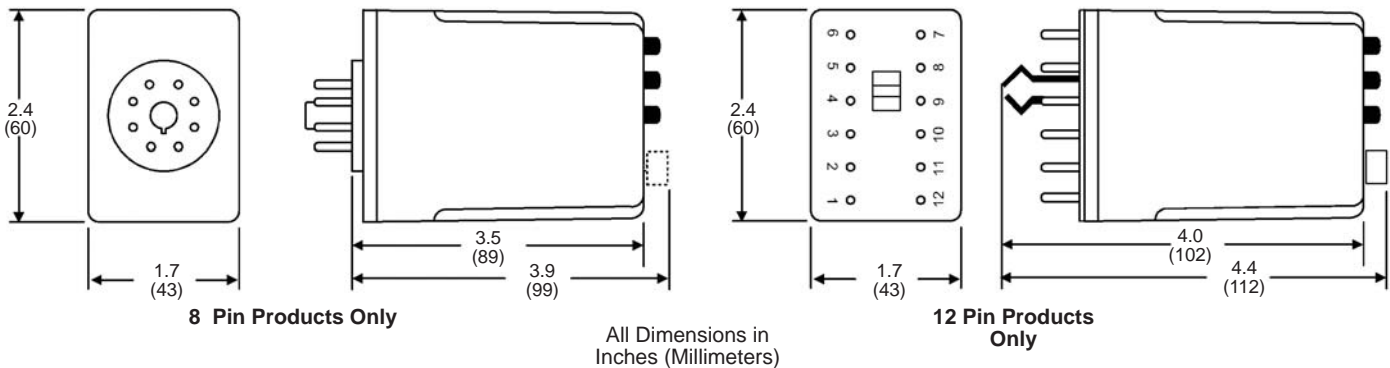
Triplex	Duplex
Triplex--Lead 1	Duplex--Lead 1
Triplex--Lead 2	Duplex--Lead 2
Triplex--Lead 3	

Approvals:



with appropriate socket
File #E109466

DIMENSIONS



TYPICAL INSTALLATIONS

3 Switch 3 Pump

All three switches are open and all loads are off. When the LEAD Switch closes, it energizes Load 1. As long as the LEAD Switch remains closed, Load 1 remains energized. If the LAG Switch closes, Load 2 is energized. If the LAG2 Switch closes, it energizes Load 3. Each load is turned off in sequence as the switches are opened. The entire cycle is then repeated, but with Load 2 energized first followed by Load 3 and then Load 1. **NOTE:** power for outputs is supplied from L connection, not through input switches (see drawing at right).

Drawing references terminal numbers on 8 pin products

