

ADT131TX Time Elapsed Trip Module

- Suitable for SIL 1, 2 or 3 applications
- Suitable for any process input
- Supply voltages: 115Vac $\pm 20\%$
240Vac $\pm 20\%$
24Vdc $\pm 2.5V$
48Vdc $\pm 5V$
- RFI Protection to IEC61000-4-3 available
- AMELEC Standard 10 year warranty
- Digital Indication available

Technical Specifications

Input

Volt free contact closure - Open contact to Run / Closed contact to Hold.

Delay

Based on analogue technique, time delay can be set by 15 turn blindset potentiometer.
Factory set to 5 seconds (Up to 20 seconds can be specified)

Output

Upon Input contact opening, the Output relay de-energises/Contacts open & 60 minute timer commences. The Output relay contacts will remain open until the 60 mins Time period set (factory set internally) has elapsed. Should the Input contact close again during the 60 mins period, the Timer count will hold & the Output contact remain open. When the Input contact re-opens again, the Timer count will resume from where it was last held. Once a total 60 mins of burner Run Time is reached, Output relay Energises/Contacts Close for nom 5 seconds.
(Adjustable 1-20 secs Output contact closure timer delay period, via 15-turn blindset potentiometer through front fascia)

Isolation

1000V RMS* Input/Output/Supply/Earth
*(500Vdc if RFI option 'K' is specified)

Environmental Conditions

Storage Temperature: -40 to 70°C
Operating Ambient: -15 to 55°C
Relative Humidity: 5 – 95% RH

Input Load / Output Capacity

Input

Minimum Input span 400mV

Output

S.P.C.O. 2A 240Vac at 100VA

Dimensions

50w x 75h x 110d (mm)

WIRING

