

Honeywell

These flame switches are for application in large commercial and industrial burner installations where they can be used :

- (i) as simple flame switches - model R4348A - indicating the presence or absence of a flame, or,
- (ii) as flame safeguard primary controls - model R4348B - capable of providing system "safe start" check and flame sensing functions.

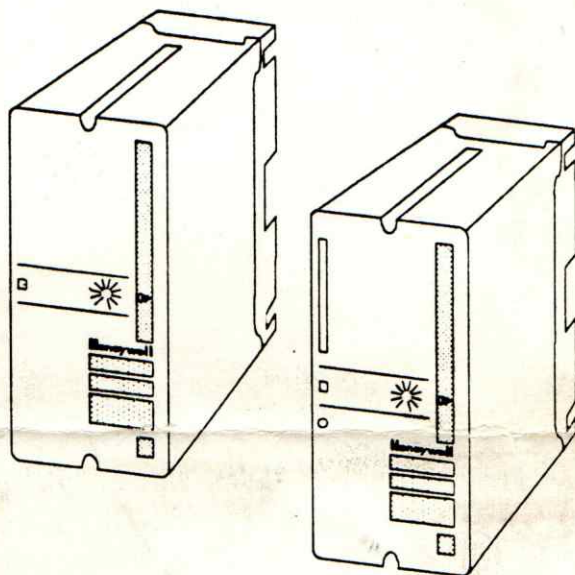
They can also be used in installations using an R7241 microcomputer-based burner control system - to extend the number of burners being controlled.

Both models include a 3-pole flame relay which is energised when flame is sensed and de-energised when "no-flame" is sensed ; the "B" model additionally includes a 3-pole line voltage "load relay".

- R4348A with 3-pole flame relay performs flame detection function only.
- R4348B with 3-pole flame relay and 3-pole line voltage "load relay" can perform flame detection and burner "safe-start" functions.
- Standard on all models is a green LED which is illuminated when the flame relay is energised.
- Options include :
 - a variety of methods for indicating and/or recording the flame current strength.
 - logic to communicate relay status to a computer based system.
 - manual alarm facilities.
- Unpowered relay outputs enable Honeywell sensors and amplifiers to be used with a wide range of logic schemes according to customer needs.
- Plug-in unit makes wiring and servicing easy.
- Plug-in flame signal amplifiers available to match a wide range of flame sensors.

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INDUSTRIAL FLAME SWITCHES



R 4348 A & B

MU1R 6027