MB Series Multi-Burner Control

MB-600S

Controls startup sequence and monitors flame for up to 20 burners

The Fireye Multi-Burner Monitoring System controls the startup sequence and monitors the flame of up to 20 individual gas, oil, or combination gas/oil burners connected to a common valve train. Its dynamic onboard testing checks for faulty relays, proof of valve closure, high and low fire switch interlocks, and shorted air switch. Exclusive to the unit is its ability to specifically identify which burner caused the initial flame failure.

The MB-600S Series is a fully integrated control designed for the industrial process market (ovens and furnaces). It meets the operational requirements and safety standards pertaining to the industrial process market. It is UL recognized (US and Canada) and FM approved.

The MB-600S, by itself, provides for 4 plugin flame sensor modules. Expansion modules are available that can be easily attached to the MB-600S allowing for a system configuration of up to 20 burners.

Upon startup, the MB-600S interrogates the expansion modules to learn the number of MB-600P Flame modules installed.

Plug in flame sensors MB-600PF modules that can sense UV, UV self check and/or flame rod are used to sense flame for each burner in the control system. An optional alpha numerical display MB510 is available for expanded annunciation.

For more information, please contact your local Fireye Distributor.

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