

## MB-6048 MULTI-BURNER CONTROL EXPANSION BOARD

### Installation Bulletin for MB-604E and MB-608E



MB-608E

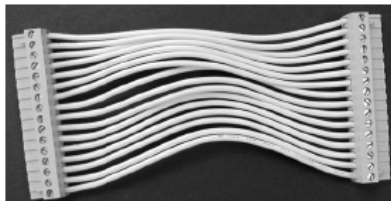
### DESCRIPTION

For Multi-Burner Control systems using the MB-600S that require more than 4 burners, Fireeye provides two optional expansion modules. The MB-604E provides the capability to add up to 4 flame sensing modules (MBPF-100PF). The MB-608E provides the capability to add up to 8 flame sensing modules (MBPF-100PF). For systems monitoring 13 to 20 burners, two of the MB-608E expansion boards are daisy chained together.

*NOTE: The four burner expansion board, MB-604E, CANNOT be used in conjunction with the eight burner expansion board, MB-608E.*



MB-604E



59-506-1

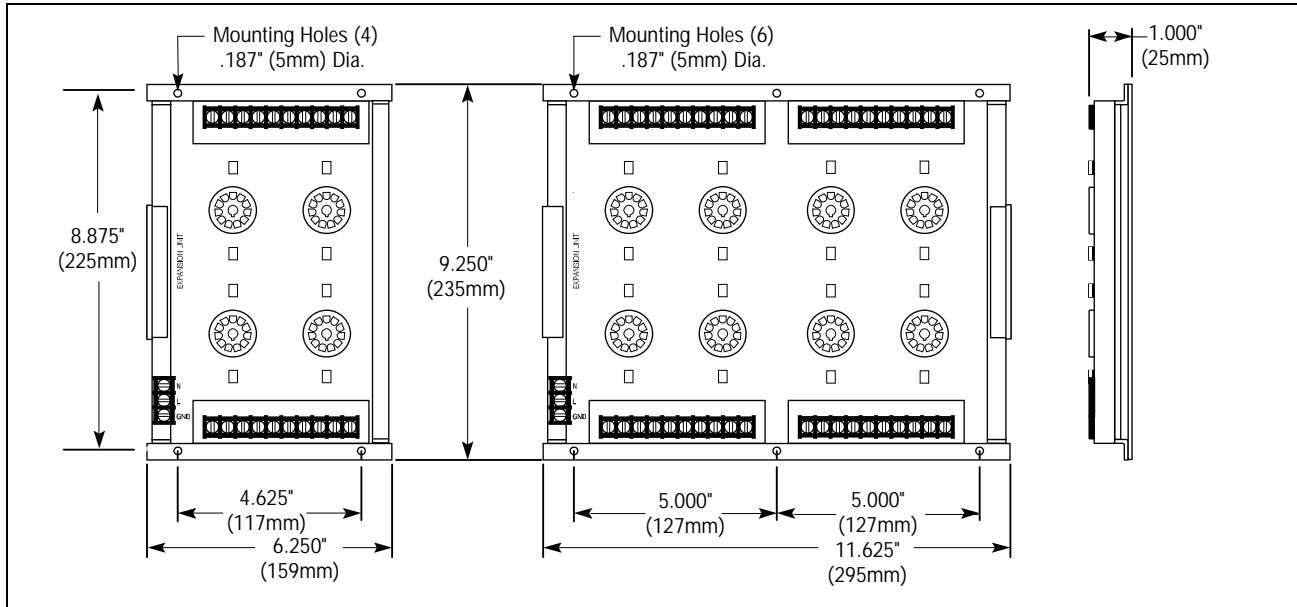
A cable, part numbers 59-506-1 or 59-506-3, connects either expansion board to the Multi-Burner Control system, MB-600S. (J8 on the motherboard to J2 on the expansion board).

The 59-506-1 is 6 inches and the 59-506-3 is 36 inches.

The flame sensing modules are secured to the Expansion Board through the use of locking screws supplied on the flame sensing modules, MB-600PF.



## DIMENSIONS



## MB SERIES ORDERING INFORMATION

PART NUMBER	DESCRIPTION	BULLETIN
MB-600S	Multi-Burner Flame System, 120 VAC, 50/60 Hz consisting of motherboard (MB-600M), relay board (MB-600R), logic module (MB-600L), and power module (MB-600P), contains 4 auxiliary inputs, purge modulation, valve leak testing	MB-6001
MB-632S	Same as MB-600S except motherboard is MB-632M for RS-232 communications.	
MB-685S	Same as MB-600S except motherboard is MB-685M for RS-485 communications.	
MB-600PF	Plug-in flame sensor module, UV/FR, Plastic Case with mounting screws.	MBPF-1000
MB-604E	Expansion board (for up to 4 burners)	
MB-608E	Expansion board (for up to 8 burners)	
59-506-1	152 mm (6 in) cable for expansion board	
59-506-3	914 mm (36 in) cable for expansion board	
MB510	Alpha-numeric display with remote reset	MB-6001
59-507-6	Cable, 6 ft. (1830 mm) for remote display	
59-507-10	Cable, 10 ft. (3050 mm) for remote display	
59-507-15	Cable, 15 ft. (4572 mm) for remote display	



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