



APPLICATIONS:

APPLIANCE

ELECTRICAL

HVAC/R

MARINE

POOL & SPA

RV



FEATURES

- ✓ Series of 11 Fenwal OEM replacement controls
- ✓ Direct Spark Ignition (DSI) control modules
- ✓ Microprocessor-based
- ✓ Controls spark ignitor and gas valve
- ✓ Monitors timing, trial for ignition, flame sensing and lockout
- ✓ Compatible with LP or natural gas
- ✓ Redundant gas valve design conforms to ANSI Z21.20
- ✓ Conforms to UL STDs 60730-1 and 60730-2-5
- ✓ Certified to CSA STD E60730-1 and CSA STD C22.2#60730-2-5

SPECIFICATIONS

- **Control voltage:** 102-138 VAC
- **Flame current:** 1uA minimum
- **Current draw:** 50mA maximum
- **Gas valve:** 1.5A@120 VAC
- **Flame failure response time:** 0.8 seconds maximum
- **Operating temperature:** -40°F to 175°F (-40°C to 80°C)
- **Mounting:** Surface mount using (2) #8 screws

ORDERING INFORMATION

ICM P/N	Replaces Fenwal P/N	# Ignition Trials	Pre-Purge Time	Inter-Purge Time	Trial for ignition Time
ICM2910-200-005	35-725200-005	1	None	None	10s
ICM2910-201-007	35-725201-007	1	None	None	15s
ICM2910-201-501	35-725201-501	1	5s	None	4s
ICM2910-201-505	35-725201-505	1	5s	None	10s
ICM2910-205-015	35-725205-015	3	None	15s	10s
ICM2910-205-017	35-725205-017	3	None	15s	15s
ICM2910-205-021	35-725205-021	3	None	25s	4s
ICM2910-205-115	35-725205-115	3	15s	15s	10s
ICM2910-205-521	35-725205-521	3	5s	25s	4s
ICM2910-206-515	35-725206-515	3	5s	15s	10s
ICM2910-405-013*	35-725405-013	3	None	15s	7s

* Open board design