Series 9X / CE Version

Direct Spark with Flame rectification for use in European Community

Features

Dual Microprocessor safety design
Highly Stable Flame Sensing
Programmable characteristics
Inter-waiting (Inter-purge), Waiting (Pre-purge)
and Safety (Trail) delays are configurable.
Replaces many competitive units.
Operating Temperature 80°C
Industry standard wiring
Diagnostic LED
Volatile or Non-Volatile Lockout reset (CE requirement)

Applications

Gas Furnaces

Residential and Commercial Boilers
Water / Space Heaters

Commercial Cooking Appliances
Spa and Pool Heaters

Agency Certifications

CSA ANSI Z21.20

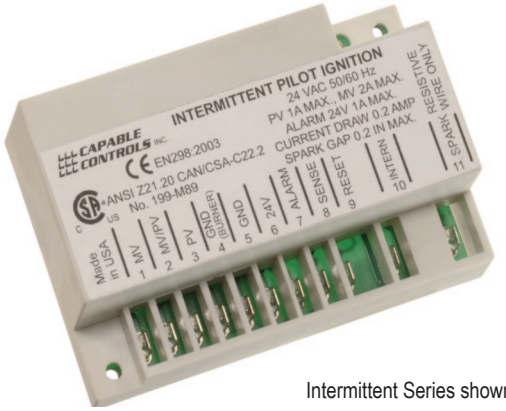
CSA C22.2 No. 199-M89

CE EN 298:2003

Certified to Standards AG206 and AG210

Selection Options

Waiting time (pre-purge), inter-waiting (Inter-purge) timings
Selectable trial time in auto recycle, or lockout mode
Single or dual rod flame sensing applications
Vollatile or Non-Volatile reset
Flame Stabilization
Quick Start
Alarm Output
Contact Capable Controls for ordering instructions
Made in USA



Intermittent Series shown

SPECIFICATIONS

INPUT VOLTAGES	DESCRIPTION
Power Input:	24 Vac 50 / 60 Hz
Power Consumption:	4.8 Va Max
Flame Sensing:	0.15 uA Minimum
Gas Types:	Natural, LP or Manufactured
Main Relay:	5 Amps
Alarm Relay:	1 Amp @ 24 Vac
Style:	Enclosed in Flameproof housing
Temperature:	-40 - 80°C
Operating humidity:	95% non-condensing
Operating current:	0.2 Amps
Mounting position:	multipoise
Sensing method:	Rectification
Electrical:	16 Amp Heavy duty relays
Spark Gap:	5 mm / 0.20 inches
Connections:	1/4" male Fast-ons®
Dimensions:	123mm x 80mm x 38mm
Pilot burner rating:	1,500 BTU's / Hour max.
Main burner rating:	400,000 BTU's / Hour max.

Description

The 9X Series with dual microprocessor and redundant circuitry designed to meet stringent CE requirements for new or replacement applications.
Also has North American and Australian Gas certifications
These include central furnaces, space heaters, tumblers, residential and commercial boilers, and commercial cooking applications.
Control wiring is standardized to retrofit easily into existing applications.
The ignition system features a temperature stabilized detection circuit that allows greater pilot flame variations without false flame response.
The valve drive relay are rated for extended mechanical and electrical operations using 16 Amp heavy duty relays
CE requires Volatile lockout which requires the unit to be reset via a power cycling of the equipment of Non-Volatile lockout which requires a remote switch sense.
ODL "Optical Data Link" programming is designed into this for immediate downloading of programs.

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