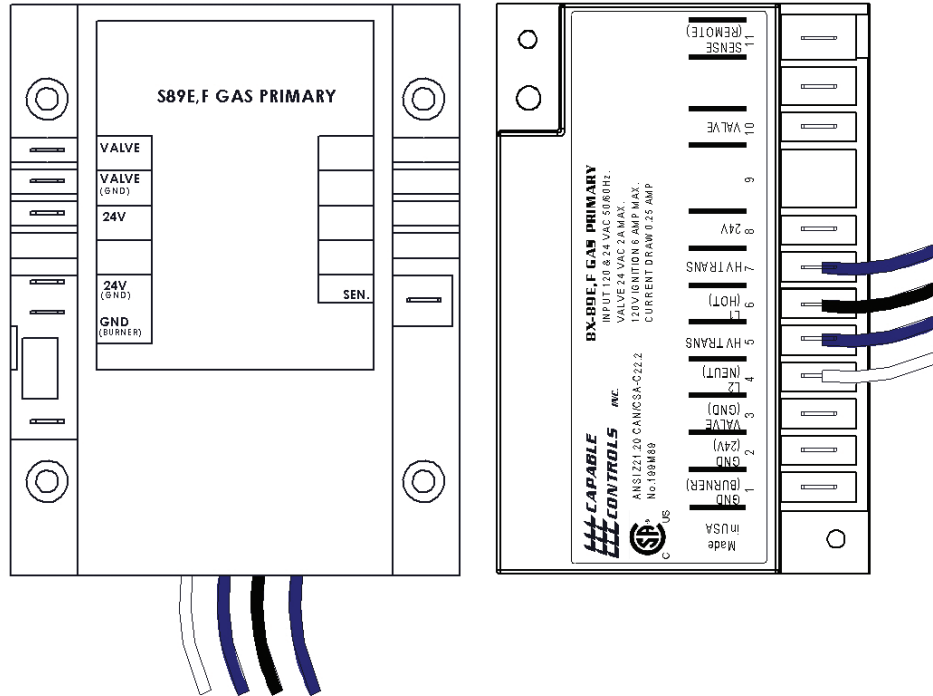


Replacement Cross Reference for Honeywell S89 Series



Description / Features:

The 8X-89E/F has a 24V input and 120V output with 2- 12" blue leads to power an external spark transformer with 2-12" lead for power input. This controls requires an separate external spark generator.

This control provides continuous flame monitoring and safety shut off and has a dual color LED provide status of control operation and fault conditions. It provide 100% shutoff of all heating gases it can be reset from by the thermostat input.

This series is a microprocessor based control and we only use heavy duty relays which are the highest rated in the industry.

Timing Selections

Pre-purge	0-99 seconds
Inter-purge	0-99 seconds
Post-purge option)	0-99 seconds (must have blower)
Trial time	3-250 seconds
Trials for ignition	1-9 tries 0=continuous
Flame failure response	1 second maximum

Agency Certifications



CSA ANSI Z21.20
CSA C22.2 No. 199-M89

Made in USA

SPECIFICATIONS

INPUT VOLTAGES	DESCRIPTION
Power Control:	24Vac Input / 120Vac Igniter
Power Consumption:	.2A without valve (24V)
Flame Sensing:	0.15uA minimum
Gas Types:	Natural, L.P. or Manufactured
Igniter Output:	6 Amps
Valve:	2 Amps
Style:	Enclosed in Flame Proof Housing 5VA
Temperature:	- 40° to 176°F (- 40° to 80°C)
Operation Humidity:	5% to 93% Relative Humidity (non-condensing)
Mounting Position:	Multipoise
Sensing Method:	Rectification High Sensitivity
Electrical:	Relays Heavy Duty 16A
Spark Gap:	0.20" Maximum
Connections:	1/4" Male Quick Connect of FASTONS



Capable Controls Inc.

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Honeywell S89 to Capable 5X Cross Reference

Honeywell S89E1058: 24V-DSI-External sense-120V output to drive external transformer-1 try for ignition-4 second trial time – 2 second flame failure response-8 second pre-purge – 8 second inter-purge – **Capable Controls part #: 86000808041000E.**

Honeywell S89F1098: 24V-DSI-External sense-120V output to drive external transformer-1 try for ignition-4 second trial time – 2 second flame failure response-30 second pre-purge-30 second inter-purge – **Capable Controls part #: 86003030041000F.**

Typical Application Wiring For: 86000808041000E, 86003030041000F

