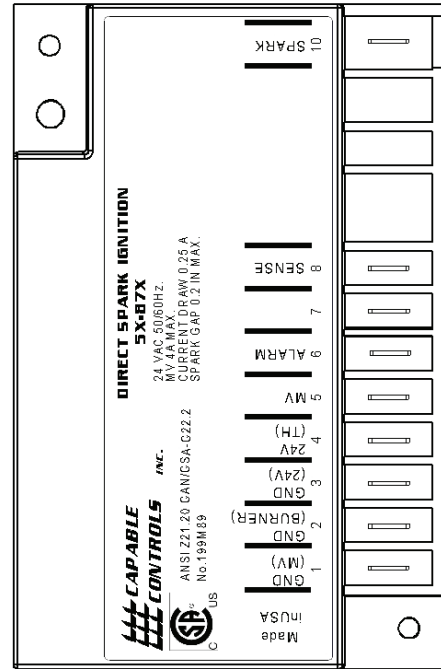
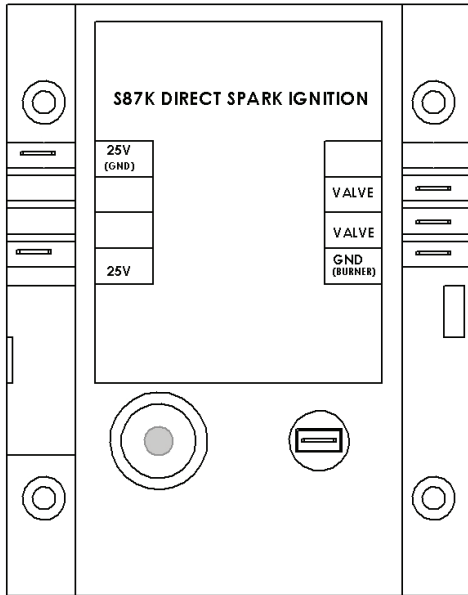


Replacement Cross Reference for Honeywell S87 Series



Description / Features:

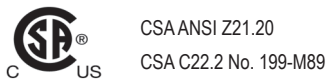
The Series 5 ignition modules provide continuous ignition sequence flame monitoring and safety shut off with a dual color LED for continuous status of control operation and fault conditions.

The Series 5 microprocessor-based ignition modules are designed and stringently tested for use in all types of cooking and heating applications.

Timing Selections

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

Agency Certifications



Made in USA

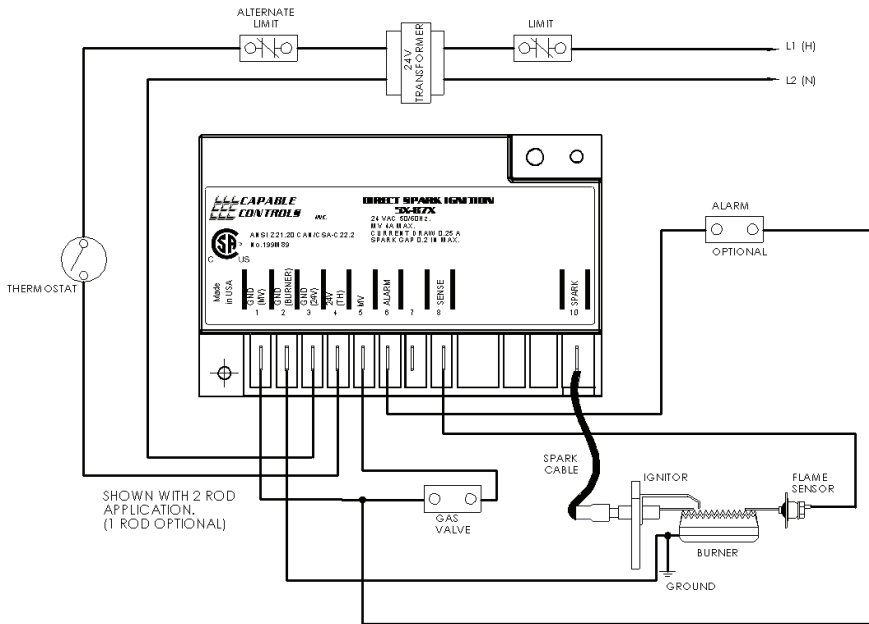
SPECIFICATIONS

INPUT VOLTAGES	DESCRIPTION
Power Input:	12vdc, 24Vac, 120Vac, 230Vac at 50/60Hz
Power Consumption:	.2A without valve
Flame Sensing:	0.15uA minimum
Gas Types:	Natural, L.P. or Manufactured
Main Relay:	4 Amps
Pilot Relay (IP only):	2 Amps
Blower:	6 Amps Max @ 120Vac
Style:	Enclosed in Flame Proof Housing
Temperature:	- 40° to 176°F
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 Spade Terminals

Honeywell S87 to Capable 5X Cross Reference

*An X in the part number field indicates the data represented by the X is a variable. Please contact Capable Controls sales office.

Honeywell S87	Type	24Vac	Reignition	Alarm	Pre-Purge	Flames Sns	Trials	Trial Time	Capable Replacement
S87B1008/B	DSI	X	X	Yes	No	Int	1	6	52101000006000
S87B1008/U	DSI	X	X	Yes	No	Int	1	6	52101000006000
S87B1016/U	DSI	X	X	Yes	No	Int	1	11	52101000011001
S87B1024U	DSI	X	X	Yes	No	Int	1	21	52101000021001
S87B1065/U	DSI	X	X	Yes	No	Int	1	4	52101000004001
S87C1006/B	DSI	X	X	No	No	Ext	1	6	54541000006001
S87C1006/U	DSI	X	X	No	No	Ext	1	6	54541000006001
S87C1014/U	DSI	X	X	No	No	Ext	1	11	54541000011001
S87C1030/U	DSI	X	X	No	No	Ext	1	21	54541000021001
S87D1004/U	DSI	X	X	Yes	No	Ext	1	6	54941000006001
S87D1012/U	DSI	X	X	Yes	No	Ext	1	11	54941000011001
S87D1020/B	DSI	X	X	Yes	No	Ext	1	4	54941000004001
S87D1020/T	DSI	X	X	Yes	No	Ext	1	4	54941000004001
S87D1020/U	DSI	X	X	Yes	No	Ext	1	4	54941000004001
S87D1038/U	DSI	X	X	Yes	No	Ext	1	21	54901000021001
S87J1026/U	DSI	X	X	No	30 Sec	Int	1	11	517010030011001
S87J1034/U	DSI	X	X	No	30 Sec	Int	1	21	517010030021001
S87K1008/U	DSI	X	X	No	30 Sec	Ext	1	4	545410030004001
S87K1016/B	DSI	X	X	No	30 Sec	Ext	1	6	545410030006001
S8701D	DSI	X	optional	Yes	No	Ext	1	optional	549410000XXX00X*



Typical Application Wiring

