

Flame Simulator | FSP300C100

The Flame Simulator has the same characteristics as a combustion flame.

If problems occur with the combustion safety controller, for example, or when the burner sequence is being checked, the flame simulator can be connected to the flame detection circuit in order to easily check for errors in the flame detector, burner controller, amplifier, external circuits, etc. without actually using a burner.



FSP300C100

Specifications

Compatible equipment Simulator	Combustion safety controller		Flame detector		Method of checking action of flame relay 2K (Caution: Simulator must not touch any point other than those indicated.)	Figure
	Burner controller	Amplifier	Flame rod	Ultraviolet flame detector		
FSP300C100 (black)	RX-R40C	Built-in	—	AUD300C AUD500C	<ul style="list-style-type: none"> Attach the FSP300C100 to the relay terminals and connect lead wires to terminals F, G, S, and S. Connect lead wires F and G to RX-R40 terminals B6 (F) and A7 (G), and then connect the S and S lead wires to terminals B9 and A9. Change the FLAME MODE switch on the FSP300C to SYNC. 	Fig. 1
	RX-R20C	Built-in	—	AUD110C/100C C7035A C7027A	<ul style="list-style-type: none"> Attach the FSP300C100 to the relay terminals and connect lead wires to terminals F and G. Connect lead wires F and G to RX-R20 terminals B6 (F) and A7 (G). Change the FLAME MODE switch on the FSP300C to ON. 	Fig. 2
	AUR350C AUR300C	Built-in	—	AUD300C AUD500C	<ul style="list-style-type: none"> Attach the FSP300C100 to the AUR350C/300C terminal block (S, S, G, F). Change the FLAME MODE switch on the FSP300C to SYNC. 	Fig. 3
	FRS100C	Built-in	—	AUD110C/100C C7035A C7027A	<ul style="list-style-type: none"> Attach the FSP300C100 to the relay terminals and connect lead wires to terminals F and G. Connect lead wires F and G to FRS100C terminals 5 (F) and 6 (G). Change the FLAME MODE switch on the FSP300C to ON. 	Fig. 4
	RA890G	Built-in	—	AUD110C/100C C7035A C7027A	<ul style="list-style-type: none"> Attach the FSP300C100 to the relay terminals and connect lead wires to terminals F and G. Connect lead wires F and G to RA890G terminals F and G. Change the FLAME MODE switch on the FSP300C to ON. 	Fig. 5
	R4150P (discontinued as of Sept. 2003)	R7259B (plug-in type)	—	AUD110C/100C C7035A C7027A	<ul style="list-style-type: none"> Attach the FSP300C100 to the relay terminals and connect lead wires to terminals F and G. Connect lead wires F and G to R4150P terminals F and G. Change the FLAME MODE switch on the FSP300C to ON. 	Fig. 6
	R4750C	Built-in	—	AUD110C/100C C7035A C7027A	<ul style="list-style-type: none"> Attach the FSP300C100 to the relay terminals and connect lead wires to terminals F and G. Connect lead wires F and G to R4750C terminals F and G. Change the FLAME MODE switch on the FSP300C to ON. 	Fig. 7
	R4780C	Built-in	—	AUD110C/100C C7035A C7027A	<ul style="list-style-type: none"> Attach the FSP300C100 to the relay terminals and connect lead wires to terminals F and G. Connect lead wires F and G to R4780C terminals 23 (F) and 24 (G). Change the FLAME MODE switch on the FSP300C to ON. 	Fig. 8
	WN200A (discontinued as of Dec. 2000) WN210A (discontinued as of Dec. 2000)	R7259B (plug-in type)	—	AUD110C/100C C7035A C7027A	<ul style="list-style-type: none"> Attach the FSP300C100 to the relay terminals and connect lead wires to terminals F and G. Connect lead wires F and G to WN200A/210A terminals F1 and G. Change the FLAME MODE switch on the FSP300C to ON. 	Fig. 9

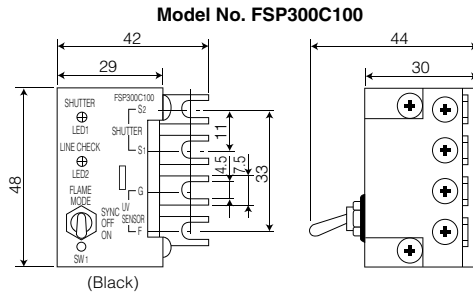
Model No. configuration

Name	Model No.
Flame simulator	FSP300C100

1 DIGITAL CONTROLLERS
2 RECORDERS, INDICATORS
3 CONVERTERS
4 FLAME SAFEGUARD SYSTEM
5 ACTUATORS
6 SENSORS
7 GAS FLOW MEASUREMENT AND CONTROL PRODUCTS

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External dimensions



<p>Fig. 1</p> <p>FSP300C100-RX-R40C</p>	<p>Fig. 2</p> <p>FSP300C100-RX-R20C</p>	<p>Fig. 3</p> <p>FSP300C100-AUR300/350</p>
<p>Fig. 4</p> <p>FSP300C100-FRS100C</p> <p>* Attach FSP300C100 to relay terminals</p>	<p>Fig. 5</p> <p>FSP300C100-RA890G</p> <p>* Attach FSP300C100 to relay terminals</p>	<p>Fig. 6</p> <p>FSP300C100-R4150P</p> <p>* Attach FSP300C100 to relay terminals</p>
<p>Fig. 7</p> <p>FSP300C100-R4750C</p> <p>* Attach FSP300C100 to relay terminals</p>	<p>Fig. 8</p> <p>FSP300C100-R4780C</p> <p>* Attach FSP300C100 to relay terminals</p>	<p>Fig. 9</p> <p>FSP300C100-WM200A/WN210A</p> <p>* Attach FSP300C100 to relay terminals</p>

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