

RA890F, G

Protectorelay Primary Controls



The RA890F, G provide solid state, electronic, flame safeguard protection for industrial and commercial single or dual fuel burners, up to 600,000 kcal/h capacity.

Specifications

Safety switch timing	15s
Self-check timing	Approx. 5s under standard conditions
Weight	1.24kg
Mounting	Use of Q270A1024 sub-base (separate order)

Contact Ratings

Terminal numbers	Load	Contact capacity		
		100Vac	200Vac	
3•	Burner motor	Full load	5.2A	2.6A
		Locked rotor	31.2A	15.6A
	Pilot valve		25VA	25VA
				200VA
4	Ignition transformer		300VA	
5	Main valve		200VA	
T1-T2	ON/OFF controller	0.3A (RA890F), 0.17A (RA890G)		
NC, NO, COM	Alarm	75VA		

*Burner motor and pilot valve are connected to terminal 3.

Selection Guide

Model No.	Power supply (50/60Hz)	Power consumption	Ambient temperature	Flame detectors	Flame response
RA890F1411 x 2	100Vac	8.5W (50Hz)	-20 to +41°C	C7010A, C7013A	3 ± 1s
RA890F1460 x 2		7.0W (60Hz)	(50Hz)	C7007A, C7008A	0.8s
RA890F1296 x 2	208Vac		-20 to +46°C	C7012A	3 ± 1s
RA890F1452 x 2			(60Hz)		0.8s
RA890G117 x 2	100Vac	10.5W (50Hz)	-20 to +55°C	C7027A, C7035A	3 ± 1s
RA890G1278 x 2	208Vac	9.5W (60Hz)			
Q270A1024	Sub-base (order separately)				

Dimensions

(unit:mm)

