

# PROTECTORELAYS

## Honeywell

### Remanufactured Protectorelays Primary Controls

#### RA890E SERIES\*\*

Nonprogramming primary control provides solid state, electronic, flame safeguard protection for industrial and commercial, single or dual fuel burners. With isolated SPDT alarm terminals.



Ref#	Voltage	Safety Switch Timing	Flame Failure Response Time*	Reman#
RA890E1009	120	30 sec.	0.8 sec.	R201-3R
RA890E1025	240	30 sec.	0.8 sec.	R201-4R
RA890E1066	120	30 sec.	2-4 sec.	R201-5R
RA890E1082	240	30 sec.	2-4 sec.	R201-6R
RA890E1124	120	15 sec.	0.8 sec.	R201-7R
RA890E1140	240	15 sec.	0.8 sec.	R201-8R
RA890E1181	120	15 sec.	2-4 sec.	R201-9R
RA890E1207	240	15 sec.	2-4 sec.	R201-10R
RA890E1603	120	30 sec.	0.8 sec.	R201-23R
RA890E1629	120	30 sec.	2-4 sec.	R201-25R
RA890E1637	240	30 sec.	2-4 sec.	R201-26R
RA890E1934	120	15 sec.	0.8 sec.	R201-27R
RA890E1942	120	15 sec.	2-4 sec.	R201-29R

#### RA890F STANDARD MODELS

RA890F1239	120	30 sec.	0.8 sec.	R202-10R
RA890F1338	120	30 sec.	0.8 sec.	R202-40R
RA890F1346	120	30 sec.	3.0 sec.	R202-44R
RA890F1353	240	30 sec.	0.8 sec.	R202-42R
RA890F1361	240	30 sec.	3.0 sec.	R202-46R
RA890F1379	240	15 sec.	0.8 sec.	R202-50R
RA890F1387	240	15 sec.	3.0 sec.	R202-54R
RA890F1395	240	30 sec.	0.8 sec.	R202-12R
RA890F1247	120	30 sec.	3.0 sec.	R202-14R
RA890F1254	120	15 sec.	0.8 sec.	R202-18R
RA890F1312	240	15 sec.	0.8 sec.	R202-20R
RA890F1262	120	15 sec.	3.0 sec.	R202-22R
RA890F1320	240	15 sec.	3.0 sec.	R202-24R

#### RA890F SERIES - ALARM

RA890F1270	120 @ 50/60	15 sec.	0.8 sec.	R202-48R
RA890F1288	120 @ 50/60	15 sec.	3.0 sec.	R202-52R

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**NOTE:** Specify Q270A1024 base for new installations.

\*3 sec. response recommended for non-recycling ignition cutoff service.

\*\*Remanufactured with vacuum tube and test jack. Older RA890B and RA890C models may be exchanged for RA890E.

■ With SPDT alarm contacts.

\*Use with flame rods, rectifying photocells, C7012A, C Purple Peeper ultraviolet flame detectors.

**NOTE:** Remanufactured products available only on exchange for similar defective units.