

R4440H

Protectorelay Flame Safeguard Control

The R4440H is a flame safeguard control used to provide automatic operation in correct sequence and with safe combustion for batch-type small sized oil-fired burners.



Specifications

Sequence timing (at room temperature/humidity and rated voltage)	Standby	Approx. 2±2s
	Pre-ignition timing	15±5s
	Ignition trial timing	5±2s
	Post-ignition timing	10 ⁺⁵ / ₋₅ s
	Flame response timing	Max. 1s (at 1kΩ)
Ignition failure		Lockout
Sequence at flame failure		Recycle (prepurge return)
Flame detector used in combination		C752A CdS cell
Ignition detection		At 20kΩ min.
Flame failure detection		At 100kΩ max.
Power consumption		3W+25% max.
Ambient temperature		-20 to +60°C
Ambient humidity		90% RH max. at 40°C
Storage temperature		-25 to +70°C
Mass		0.3kg (with subbase)
Subbase		Q632A108 (included)

Selection Guide

Model No.	Fuel supply start/stop	Power
R4440H100	Solenoid pump (SOP)	100Vac 50/60Hz
R4440H200	Half-wave rectification	200Vac 50/60Hz
R4440H1006	Solenoid valve	100Vac 50/60Hz
R4440H1014	AC type	200Vac 50/60Hz

Dimensions

(Unit: mm)

