

R4332A

Maximum Safety Flame Safeguard Multiburner Module

The R4332A monitors multiburners and controls continuous operation combustion devices, either with a sensitivity adjustment function or a flame rod, providing continuous, dynamic self-diagnostics.

It is used to ensure combustion safety for industrial furnaces, boilers, etc.



Specifications

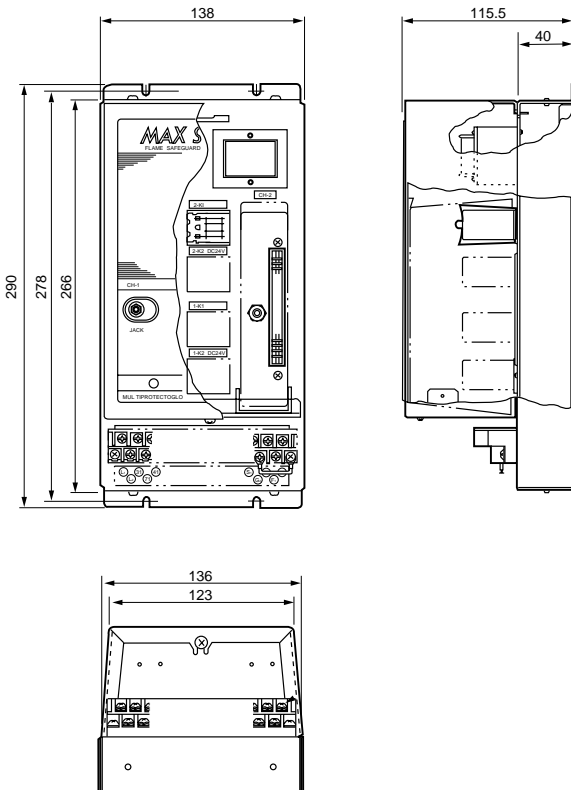
Power consumption	Per channel, 19W max., 30VA max.
Contact ratings	3A 200V (cos $\phi = 1$) for standard type (400VA inductive load) 1A 200V (cos $\phi = 1$) for sealed type (100VA inductive load)
Weight	Approx. 4.0kg (including two amplifiers) Approx. 6.5kg (including four amplifiers)
Ambient temperature	-20 to +60°C
Ambient humidity	90%RH max. at 40°C
Life	100,000 cycles

Selection Guide

Model No.		No. of burners	Power supply voltage (50/60Hz)	Shutter voltage
Standard Relay Type	Sealed Relay Type			
R4332A1024	R4332A100	2	100Vac	100Vac
R4332A1008	R4332A104	2	100Vac	120Vac
R4332A1016	R4332A200	2	200Vac	120Vac
R4332A108	R4332A112	2	120Vac	120Vac
R4332A208	R4332A212	2	220Vac	120Vac
R4332A216	R4332A220	2	240Vac	120Vac

Dimensions

(unit:mm)



Amplifier and Flame Detector Used With

Amplifier	Flame response	Flame current range	Flame detector
R7247B1003-1	2 to 4s	1.25 to 2.5 μ A	Flame rod
R7247C1001	2 to 4s	2 to 5 μ A	C7012E or F
R7247C1019	2s max.		
R7246C1007	2 to 4s	2.5 to 5.5 μ A	C7076A or D

Relay (K₁,K₂)

Type	Specification	Part No.	Contact rating
Standard relay	K ₁ Relay - 100Vac	81403124/100	3A 200V (resistive load)
	K ₁ Relay - 200Vac	81403124/200	400VA (inductive load)
	K ₂ Relay - 24Vdc	81403124/024	
Sealed relay*	K ₁ Relay - 100Vac	81403125/100	1A 200V (resistive load)
	K ₁ Relay - 200Vac	81403125/200	100VA (inductive load)
	K ₂ Relay - 24Vdc	81403125/024	

* Sealed relay type is recommended for use in the environment of corrosive gas, dust, high-temperature, high-humidity, or oil mist.