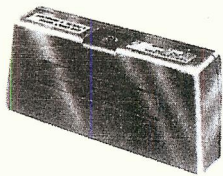


R7247, R7248, R7249, R7476 Flame Safeguard Amplifiers



R7247B,C;
R7248A,B;
R7476A



R7247A, R7249A

Solid state plug-in units respond to flame detector signal and indicate presence of flame.

- Use with BC7000; R4140; R4075C,D,E; R4138C,D Flame Safeguard controls and appropriate flame detector and FSP5075A1, FSP5075A3 Flame Amplifier Modules.

APPROVALS:

Underwriters Laboratories Inc. Listed: File No. MP268; Guide No. MCCZ2.

Canadian Standards Association Certified: File No. LR1620; Guide No. 140A-2.

Factory Mutual Approved: Report No. 24181.01.

Industrial Risk Insurers Acceptable.

Control Safety Devices Acceptable (CSD-1).

Available only through Honeywell Authorized Flame Safeguard Distributors.

Order Number	Type	Amplifier Color	Self-Checking	Flame Failure Response Time	Use With		
R7247A1005	Rectification	Green	No	2 to 4 sec	Gas	Rectifying Flame Rods	Holders ^d : C7004, C7007 Complete Assemblies: C7005, C7008, C7009, Q179.
R7247A1021	Rectification	Green	No	1 sec. max.	Gas	Rectifying Flame Rods	Holders ^d : C7004, C7007 Complete Assemblies: C7005, C7008, C7009, Q179.
					Oil	Rectifying Photocells	C7010, C7013, C7014
					Gas, oil, coal	Ultraviolet (Purple Peeper)	C7012A or C
R7247B1003 ^a	Rectification	Green	Dynamic Ampli-check ^b	2 to 4 sec	Gas	Rectifying Flame Rods	Holders ^d : C7004, C7007 Complete Assemblies: C7005, C7008, C7009, Q179.
R7247C1001	Rectification	Green	Dynamic Self Check ^c	2 to 4 sec	Gas, oil, coal	Ultraviolet (Purple Peeper)	C7012E or F
R7248A1004	Infrared	Red	No	2 to 4 sec	Gas, oil, coal	Infrared (lead sulfide)	C7015
R7248B1028	Infrared	Red	Dynamic Ampli-check ^b	2 to 4 sec	Gas, oil, coal	Infrared (lead sulfide)	C7015
R7249A1003	Ultraviolet	Purple	No	2 to 4 sec	Gas, oil, coal	Ultraviolet (Minipeeper)	C7027, C7035
R7476A1007	Ultraviolet	Blue	Dynamic Self Check ^c	2 to 4 sec	Gas, oil, coal	Ultraviolet	C7076
R7476A1015	Ultraviolet	Blue	Dynamic Self Check ^c	2 sec max.	Gas, oil, coal	Ultraviolet	C7076

^a Can also be used with rectifying photocells and C7012A or C ultraviolet flame detectors, but then circuitry tests only flame signal amplifier during burner operation and shuts down burner if amplifier fails.

^b Circuitry tests only flame signal amplifier during burner operation and shuts down burner if amplifier fails.

^c Dynamic Self Check circuitry tests all electronic components in flame detection system (amplifier and detector) 60 to 240 times a minute during burner operation and shuts down burner if detection system fails.

^d Order flame rod separately; see instruction sheet for holder.

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