Flame Amplifier Module

FSP5075A1; FSP5075A3 Flame Amplifier Modules

Use electronic flame detection to provide continuous flame supervision from lightoff to shutdown.
- Solid state, color-coded, flame signal amplifier plugs into FSP5075A1 or FSP5075A3. (Order plug-in amplifiers separately.)
- Offer safe start check for a flame when starting burner.
- Include safety shutdown feature for loss of flame during run period or failure in flame detection system when a self-checking system is used.
- Removable cover allows easy access to amplifier, relays and terminal strip.
- Provide hermetically sealed relays for use in hostile environments.

Dimensions, Approximate: 4 7/8 in. high, 8 1/2 in. wide, 4 in. deep. (124 mm high, 216 mm wide, 102 mm deep)
Temperature Ratings: -40 F to +140 F (-40 C to +60 C)
Approvals:
Control Safety Devices: Factory Mutual: Approved: Report No. 26098
Industrial Risk Insurers: Acceptable

Underwriters Laboratories, Inc: Component Recognized: File No. MP268, Guide No. MCCZ

Accessories:
123514A Flame Simulator, Rectification Type Flame Amplifiers
123514B Flame Simulator, Simulates C7027, C7035, C7044

Product Number	Flame Failure Response Time	Electrical Ratings			Product Used With	Description	Comments
		Power Supply (Vac)	Frequency (Hz)	Power Consumption			
FSP5075A1	Reference flame signal amplifier	120 Vac	60 Hz	5.0 W running (max); 2.4 W standby.	R7247, R7248, R7249, or R7476 Flame Amplifier	Flame Amplifier Module	Relays Plastic Encapsulated
FSP5075A3	Reference flame signal amplifier	120 Vac	60 Hz	5.0 W running (max); 2.4 W standby.	R7247, R7248, R7249, or R7476 Flame Amplifier	Flame Amplifier Module	Relays Hermetically Sealed

ST71 Prepurge Timer

Application: Prepurge Timer for R4795 Control Systems

Temperature Ratings: (-20 F to +115 F @ 50 Hz, -20 F to +125 F @ 60 Hz (-20 C to +46 C @ 50 Hz, -20 C to +52 C @ 60 Hz)

Product Number	Purging Time	Description
ST71A1000	7 sec	Prepurge Timer for R4795 Control Systems
ST71A1018	30 sec	Prepurge Timer for R4795 Control Systems
ST71A1026	60 sec	Prepurge Timer for R4795 Control Systems
ST71A1034	90 sec	Prepurge Timer for R4795 Control Systems
ST71A1042	10 sec	Prepurge Timer for R4795 Control Systems

ST795 Purge Timer

Application: Plug in Purge Timer for use with R7795 Full Function Primary Safety Control

Temperature Ratings: (-40 F to +135 F @ 60 Hz -40 to +120 F @ 50 Hz) (-40 C to +57 C @ 60 Hz, -40 C to +67 C @ 50 Hz)

Product Number	Purging Time	Description
ST795A1007	1.5 sec	Prepurge Timer for R7795 Control Systems
ST795A1015	7 sec	Prepurge Timer for R7795 Control Systems
ST795A1023	10 sec	Prepurge Timer for R7795 Control Systems
ST795A1031	30 sec	Prepurge Timer for R7795 Control Systems
ST795A1049	60 sec	Prepurge Timer for R7795 Control Systems
ST795A1056	90 sec	Prepurge Timer for R7795 Control Systems

Products are available through authorized Honeywell distributors