R.K. Instruments & Controls

TECHNICAL DATASHEET

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Gas Burner Sequence Controller SRG-21

Brand: R.K. Instruments & Controls | Code/Part No.: SRG-21 | Category: SEQUENCE CONTROLLERS

Specifications

Model	**SRG-21**
Type	**16-Step Burner Sequence Controller**
Burner Type	**Gas Burner (Single and Double Stage)**
Supply Voltage	**230 VAC**
Power Consumption	**3.5 VA to 5.0 VA**
Mounting Type	**Plug-in Base or Panel Mount**
Terminal Configuration	**N,N,N,N — Neutral · L — Line · AL — Alarm · BL — Blower · IG — Ignition ·**
Indicator LEDs	**Power, Stage-2, V1 (Valve 1), FLM (Flame), V2 (Valve 2), AL (Alarm)**
Reset	**Manual front-panel RESET / lockout reset button**
Application	**Industrial Gas-Fired Heating**
Manufacturer	**R.K. Instruments & Controls**



Description

The R.K. Instruments & Controls SRG-21 is an in-house manufactured 16-step burner sequence controller for industrial gas-fired burners, supporting both single and double stage gas burner operation. Rated for a 230 VAC supply with a power consumption of 3.5 VA to 5.0 VA, it is available in plug-in base or panel-mount configurations for flexible installation. The controller drives dedicated Blower (BL) and Ignition (IG) outputs along with two solenoid valve outputs (SV1, SV2) for staged gas trains, accepts a UV flame sensor input (UV), and provides an Alarm (AL) output on lockout, with a front-panel manual RESET button and status LEDs for Power, Stage-2, Valve 1 (V1), Flame (FLM), Valve 2 (V2) and Alarm (AL). Manufactured and supplied by R.K. Instruments & Controls for industrial gas-fired heating applications, and also supplied on an OEM basis to other panel builders.

Typical media compatibility: CNG, PNG, LPG, Air, Nitrogen — confirm against application before installation.