R.K. Instruments & Controls

TECHNICAL DATASHEET

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Siemens Flame Safeguard LFS1.21A1

Brand: Siemens | Code/Part No.: BPZ:LFS1.21A1 | Category: FLAME SAFEGUARD

Specifications

Type	**LFS1.21A1**
Power Supply	**120V~, 50-60Hz**
Operating Mode	**Continuous (oil), Intermittent (gas)**
Flame Detectors	**Ionization probe · Photocell RAR9 · UV cells QRA2 / QRA4.U / QRA10**
Output Signal	**DC 0-10V display · potential-free double-insulated contacts**
Degree of Protection	**IP40**
Operating Temperature	**-20°C to +60°C**
Approval	**CE-0085CQ0369, CSA certified**
Manufacturer	**Siemens AG, D-76437 Rastatt, Germany**



Description

The Siemens LFS1.21A1 is a flame safeguard (burner sequence controller) approved for continuous supervision of oil and gas flames, working with an ionization probe or the RAR9 photocell detector for oil firing, and with UV flame detectors such as the QRA2, QRA4.U and QRA10 series for gas operation. It provides a DC 0-10V display output plus potential-free double-insulated signal contacts, is rated IP40 for an operating temperature of -20°C to +60°C, and runs on a 120V~, 50-60Hz supply — the North American voltage variant of the LFS1 series, approved to CE-0085CQ0369 and CSA. Manufactured by Siemens AG, Rastatt, Germany, and supplied by R.K. Instruments & Controls.

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