

Gas Safety Shutoff Valves

A gas safety shutoff valve is installed in the supply piping to the main and pilot burners of gas-fired equipment to shut off the gas during idle periods or if various unsafe operating conditions exist.

A gas safety shutoff valve is held open either by electric energy or by gas or air pressure. It is self-closing within five seconds after the holding medium (electric or pressure) is cut off. The valve can be opened, either manually or automatically, only after the holding medium is applied. An FM Approved valve is suitably enclosed and cannot be readily bypassed or blocked in the open position. Valves which provide a proof-of-closure switch to permit supervision of their closed position (valve seal over-travels to actuate an interlock) are shown by a †† following the model designation(s). This feature may be either standard or an optional accessory.

Strainers are advisable in the inlet piping, as close as practicable to these valves.

When ordering, specify the actual condition for each of the items in the table below. Specify voltage and frequency of power supply, maximum pressures to be encountered, desired opening and tripping pressures, and any unusual temperature, corrosive atmosphere or dust condition in the vicinity.

Except as noted, valves listed are suitable for manufactured, natural or LP-Gas. Where other gases are involved, FM Approvals should be consulted.

Gas Safety Shutoff Valves, Automatic Opening, Electric and Pressure Opening and Holding

Actuator Models SKP

Actuator Models SKP. Model numbers will carry an eight position alpha-numeric suffix that indicates operating voltage and whether the actuator is equipped with auxiliary limit and/or overtravel proof of closure switches.

SKP...U.. Electro-Hydraulic Actuators with Safety Shutoff Functions (Hydraulic relief system)

SKP...V.. Electro-Hydraulic Actuators with Safety Shutoff Functions (Electromagnetic relief system)

U or V.. (1 = 110 to 120 Vac)

U or V.. (2 = 220 to 240 Vac)

Conditions for use:

Use only water-tight flexible conduit and ground via wire at the internal ground terminal (green wire ground)

For NEMA 4X: use AGA66 option

All actuator models are used with VG valves.

Company Name:	Siemens AG - BT CPS
Company Address:	Berliner Ring 23, D-76437 Rastatt, Germany
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New/Updated Product Listing:	No
Listing Country:	Germany
Certification Type:	FM Approved