

# GKS Series Multi-Entry Trapped Key Safety Interlock



GKS Series

**Description:**

The GKS product marks a significant new product class for your **Total Safety Solution**. Our switching expertise has been applied to a cost-effective, trapped key safety interlock switch. This product allows OEMs to hold a door or gate closed while a hazard still exists.

**Features:**

- Red body color
- Global approvals (CE, cULus, and CCC)
- Glass-filled polyester body
- Power-to-lock and power-to-unlock schemes for key trap
- Flexible switching arrangement
- 24 Vdc, 110 Vac, and 230 Vac coil voltages
- Override mechanism in cover
- Four head positions available
- Three conduit openings (knock-out style)
- Switch position provides status

**Benefits:**

- Ease of safety module integration.
- Tough, cost-effective, double-insulated enclosure.
- Choice of key trapping methodology.
- Flexible wiring options.
- Four contacts can be arranged in any configuration and multiple voltages for every geography.
- Ability to open door (in case of power loss, etc)
- Can diagnose status of gate/door open, closed, locked.

**Available Models:**

**Part Number:** GKSA46LA2

**Description:** Cost Effective Solenoid or "Trapped Key" switch; Power to unlock

**Features:** 1/2" Conduit, Head to Front, 24V DC Solenoid

**Housing Material:** Glass reinforced Polyester

**Approvals:** cUL, CE, CCC

**Sealing:** IP67; NEMA 1, 4, 12, 13

**Electrical:** 2.8A @ 24VDC; 3A @120VAC

**Circuitry:** 3NC/1NO

**Measurements:** 196.8mm x 41mm x 40mm

**Temperature Range:** -25 to 50C

**Part Number:** GKSA46LA5

**Description:** Cost Effective Solenoid or "Trapped Key" switch; Power to unlock

**Features:** 1/2" Conduit, 110V AC Solenoid

**Housing Material:** Glass reinforced Polyester

**Approvals:** cUL, CE, CCC

**Sealing:** IP67; NEMA 1, 4, 12, 14

**Electrical:** 2.8A @ 24VDC; 3A @120VAC

**Circuitry:** 3NC/1NO

**Measurements:** 196.8mm x 41mm x 40mm

**Temperature Range:** -25 to 50C

**Potential Applications:**

- Woodworking machinery
- Printing/paper finishing equipment
- Plastic molding equipment
- Packaging machinery
- Bailing
- Pumping equipment
- Semiconductor manufacturing equipment
- Packaging wrapping
- Specialty equipment
- Machine tool
- Robot cell

**Accessories:**



**Part Number:** GKZS7  
**Description:** 90° key



**Part Number:** GKZS6  
**Description:** Straight Key