

# GKR/GKL Dual-Entry Solenoid Trapped Key Safety Interlock



GKR/GKL Series

**Description:**

The GKR/GKL Series Dual Entry Solenoid Key Operated Safety Interlock Switch is designed for use on machinery where instant stop and access to the machinery is either impossible (due to the momentum of the machine) or impractical (due to tool or machine damage or scrapped product if the current machine cycle is interrupted). The switch incorporates a manual override feature that allows removal of the key for emergency access. Key sold separately (see Accessories).

**Features:**

- Metal housing
- Red body color
- Solenoid power to lock or power to unlock
- Side or top key entry
- Separate switch detection for key position and solenoid status
- Available with several switch configurations
- 100 mm [3.94 in] x 100 mm [3.94 in] mounting
- Choice of four heavy-duty keys
- Key retain force 1000 N max.
- IP68 (NEMA 6P)
- Two solenoid voltages available
- Dual LEDs
- UL listed/CSA certified/CE compliant
- Fluorocarbon-sealed enclosure available

**Accessories:**



**Part Number:** GKZ57  
**Description:** 90° key

**Benefits:**

- Robust body design for harsh environments.
- High force resistance.
- Fluorocarbon version often suitable for metal-working fluid-splash environment.
- Allows up to eight key entry positions.
- Standard mounting, key mounting flexibility and security.
- Often suitable for harsh-duty environments.
- Operates at standard control voltage.
- Global acceptance.

**Available Models:**

**Part Number:** GKLE36PXA2

**Description:** Rugged environment housing; long term durability (tested 15 million cycles) solenoid; Power to unlock

**Features:** ½" NPT, 24 Vdc LED Head Left

**Housing Material:** Die Cast Zinc

**Approvals:** UL, CSA, CE

**Sealing:** IP 68; NEMA 1,4, 6P, 12, 13

**Electrical:** 2.8A @ 24VDC; 6A @120VAC

**Circuitry:** 3NC/1NO

**Measurements:** 110mm x 110mm x 48.8mm

**Temperature Range:** -25 to 40C

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**Potential Applications:**

Hinged or sliding guard doors, screens, protective covers and enclosures on:

- Machine tools machinery
- Metalworking machines
- Special purpose machinery
- Robotics assembly cells
- Plastic molding machines