



GKLG36PXA2



Actual product appearance may vary.

GKR/GKL Series, Solenoid Key Operated Safety Interlock Switch, 3NC/1NO Direct Opening, Slow Action, 20 mm, 24 Vdc LED, Head on the Left, Zinc Die-cast, Mechanical Latch, Gold - plated Contacts

Features

- Positive opening operation of normally closed contacts
- Head on the right side of the switch (GKR) or the left side of the switch (GKL)
- Separate basic switches for key position and lock status
- Side or top key entry
- Unique friction feature for key retention
- Choice of four heavy duty keys
- Solenoid power to lock or power to unlock
- Wide range of solenoid voltages
- Unique friction feature for key retention
- Lockout device available
- Choice of four heavy duty keys (Key sold separately)
- Available with connectorized versions for automotive customers
- Available with fluorocarbon -sealed enclosure
- UL, CSA, CE, BG pending

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

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 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. A safety lockout device (GKZL2) is available for use with the GKR/GKL Series. The lockout device is designed to prevent a key from being inserted either manually or by the protective guard being closed while maintenance personnel are working on the machine. When inserted, the lockout device may accommodate up to four padlocks to prevent unauthorized removal of the device.

Supporting Documentation

- [Mounting Dimensions](#)
- [Installation Instructions](#)
- [Contact Configurations](#)
- [Accessories](#)
- [Application Drawing](#)

Product Specifications	
Product Type	Key Operated Safety Interlock Switch
Actuator	Key
Switch Type	3NC/1NO Direct Opening, Slow Action
Contact Material	Gold - plated
Termination Type	20 mm
Ampere Rating	1 mA to 100 mA Low Energy
Voltage	1 Vac/Vdc to 50 Vac/Vdc
Housing Material	Zinc Die -Cast
Solenoid Type	Mechanical Latch
Series Name	GKR/GKL
Shock	50 g per IEC 68 - 2 - 27
Vibration	10 g per IEC 68 - 2 - 6
Sealing	IP68, NEMA/UL 1, 4, 6P, 12, 13
Approvals	UL, CSA, CE
CSA File #	LR57326
UL File #	E37138, E157416
Agency Approvals and Standards	IEC 947 - 5 - 1, EN60947 - 5 - 1
Mechanical Life	1 Million
Operating Temperature Range	- 25 °C to 40 °C [ - 13 °F to 104 °F]
Availability	Global
UNSPSC Code	302119
UNSPSC Commodity	302119 Switches and controls and relays
Indicator	24 Vdc LED

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