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GKBA30LX



Actual product appearance may vary.

GK Series, Key Operated Safety Interlock Switch, 4NC Direct Opening, 1/2 NPT, Zinc Die-cast Housing, Gold - plated Contacts

Features

- Positive opening operation of normally closed contacts
- Standard mounting per EN50041
- Available with 2NC/2NO, 3NC/1NO or 4NC positive opening contacts
- Side or top key entry
- Unique friction feature for key retention
- Choice of four heavy duty keys (Key sold separately)
- Die-cast zinc housing
- Lockout device available
- 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 GK Series Dual Entry Key Operated Safety Interlock Switch is designed for use on machinery where key removal brings the machine to an immediate safe condition. It provides enhanced operator safety when added to hinged or sliding guard doors, screens and protective covers on enclosures. 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](#)
-  [Engineering Drawing](#)

Product Specifications	
Product Type	Key Operated Safety Interlock Switch
Actuator	Key
Switch Type	4NC Direct Opening
Contact Material	Gold - plated
Termination Type	1/2 NPT
Ampere Rating	1 mA to 100 mA Low Energy
Voltage	1 Vac/Vdc to 50 Vac/Vdc
Housing Material	Zinc Die - Cast
Housing Type	EN50041
Series Name	GK
Shock	50 g per IEC 68 - 2 - 27
Vibration	10 g per IEC 68 - 2 - 6
Sealing	IP67, NEMA/UL 1, 4, 12, 13
Approvals	UL, CSA, CE
CSA File #	LR57326
UL File #	E37138, E157416
Agency Approvals and Standards	IEC 947 - 5 - 1, EN50041
Mechanical Life	15 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

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