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GKBC1LX



Actual product appearance may vary.

GK Series, Key Operated Safety Interlock Switch, 1NC/1NO Direct Opening, Snap Action, 20 mm, Zinc Die - cast Housing, Silver 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](#)
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Product Specifications	
Product Type	Key Operated Safety Interlock Switch
Actuator	Key
Switch Type	1NC/1NO Direct Opening, Snap Action
Contact Material	Silver
Termination Type	20 mm
Ampere Rating	100 mA to 10 A (Thermal)
Voltage	600 Vac and 250 Vdc Maximum
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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