

## GKE Series

# Dual Entry Safety Interlock Switches



### DESCRIPTION

The GKE Series safety key-operated switch provides enhanced reliability for safety hard guarding applications in a compact, cost-effective package.

### FEATURES

- Positive opening safety contacts
- Multiple contact configurations
- Rotating head allows actuator engagement from five orientations
- Double insulation per IEC 60947-5-1
- Choice of two standard actuators
- Small size
- Most global approvals: cULus, CE, (CCC applied for)

### BENEFITS

- Designed to minimize intentional tampering or defeat
- Designed to meet application-specific needs
- Small-size provides a valuable solution where space is at a premium
- Designed for global acceptance

### POTENTIAL APPLICATIONS

- Plastic molding equipment
- Packaging machinery
- Semiconductor manufacturing equipment
- Woodworking machinery
- Metal converting equipment
- Printing/paper finishing equipment

# GKE Series

## SPECIFICATIONS

Designation and Utilization Category		Rated Operational Current I <sub>e</sub> (A) at Rated Operational Voltage U <sub>e</sub> (V)						
		24 V	120 V	240 V	380 V	480 V	500 V	600 V
AC15	A500	—	6 A	3 A	1,9 A	1,5 A	1,4 A	—
AC15	A600	—	6 A	3 A	1,9 A	1,5 A	1,4 A	1,2 A
DC13	Q300	2,8 A	0,55 A	0,27 A	—	—	—	—

Rated thermal current (I <sub>th</sub> )	10 A	Sealing	IP66; NEMA 1, 12, 13
Rated impulse withstand (U <sub>imp</sub> )	2500 V	Pollution degree	3
Rated insulation voltage (U <sub>i</sub> )	500 V, 600 V	Operating temperature range	-25 °C to 85 °C [-13 °F to 185 °F]
Short-circuit protective device (type/max. rating)	Class J fuse (10 A/600 V)	Mechanical life	1,000,000 operations
Conditional short-circuit current	1000 A	—	—

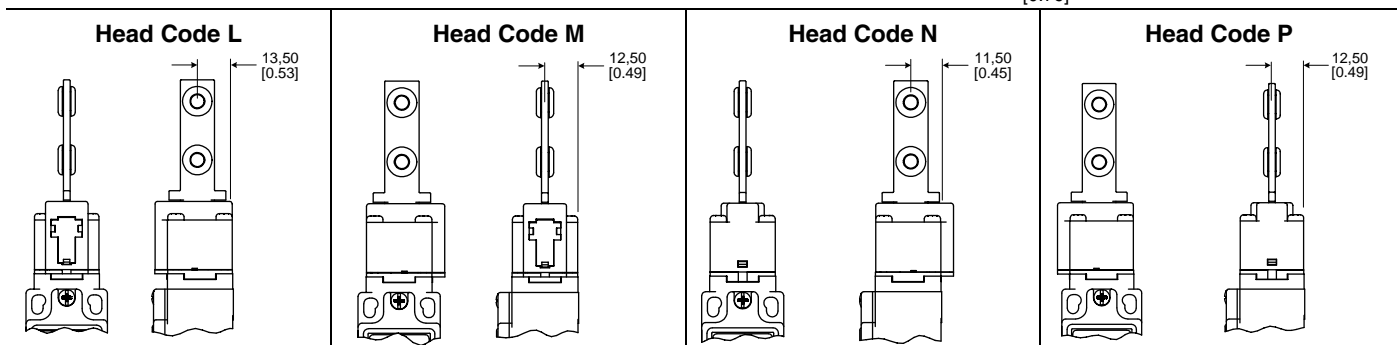
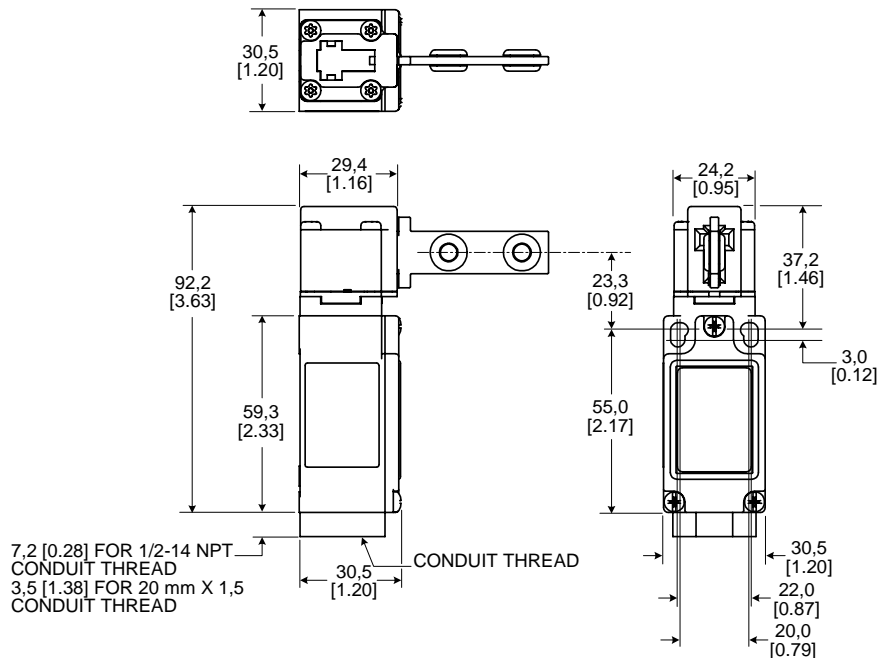
Complies with:

Low Voltage Directive 73/23/EEC, as amended by directive 93/68/EEC.

Machinery Directive 98/37/EEC only as the directives relate to the components being used in a safety function.

IEC/EN60947-5-1.

## MOUNTING DIMENSIONS (For reference only mm [in])



# Safety Door Interlock Switches

## KEY MOUNTING DIMENSIONS

GKZ51M	GKZ52M

1. Recommended key position.

## CIRCUIT AND TRAVEL DIAGRAMS

Switch Code 01: 1NC/1NO	Switch Code 03: 1NC/1NO (BBM)	Switch Code 06: 2NC

1. Recommended key position.

