

IDEM STAINLESS STEEL IP69K GUARD LOCKING SWITCH KL3-SS-P2L

205023HF

KL3-SS-P2L QC M23 12way 24v - HF actuator



- Power to lock; spring to unlock mechanism
- Slim stainless steel body
- Suitable for applications where immediate unlocking is required
- IP69K enclosure protection
- 8 actuator entry positions



PRODUCT DESCRIPTION

The KL3-SS-P2L Series Guard Locking switches have a slim stainless steel 316 body design and have been developed with a holding force of 2000N to keep large guard doors closed until hazards have been removed.

They are Power to Lock - Spring to Unlock - suitable for applications where immediate unlocking is required at removal or loss of power. They are NOT suitable for machines with a running down time).

The Stainless Steel 316 housing provides a durable robust hold closed. Flexible actuators are available to aid where some alignment is a problem.

IP69K enclosure protection is maintained by a double seal lid gasket design and metal fixings.

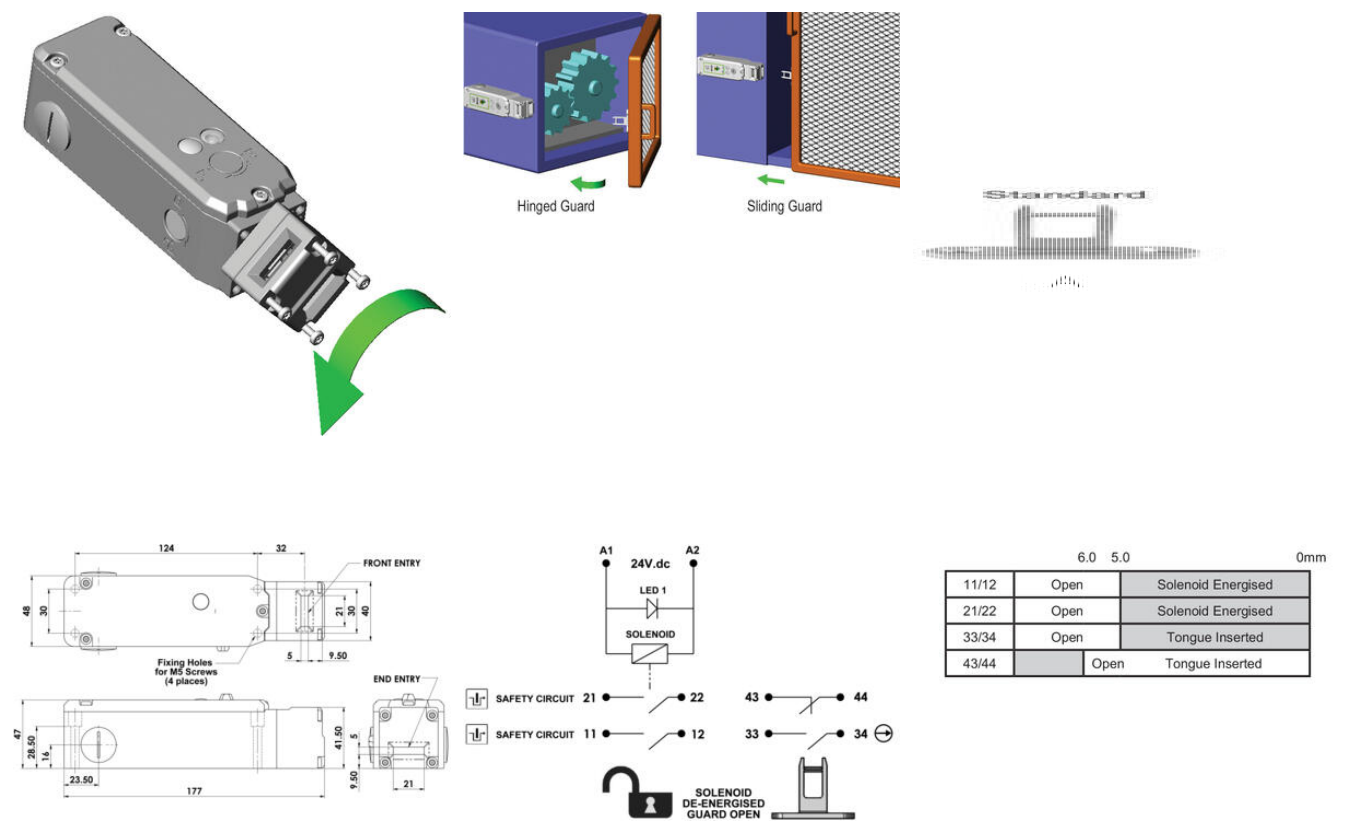
They have a slim profile and are designed to fit on 50mm (2") frame sections or to applications where space is restricted.

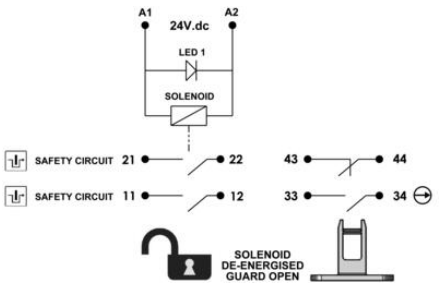
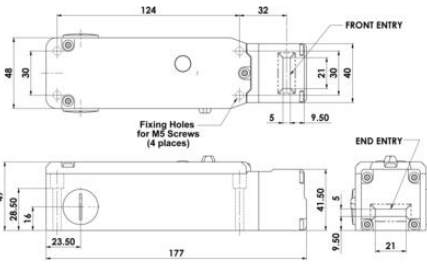
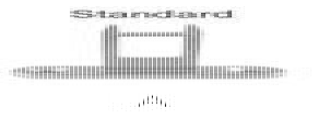
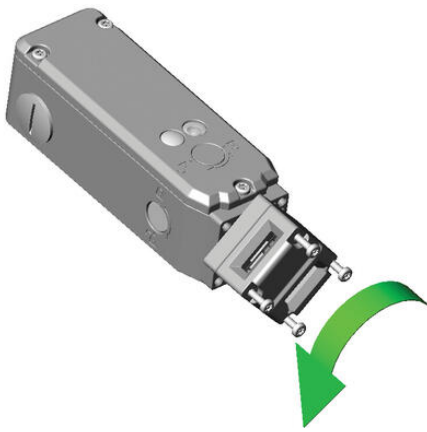
The head will rotate to provide up to 8 actuator entry positions.

TECHNICAL DATA

| | |
|------------------------------|--|
| Actuator | Heavy duty flexible |
| Annual usage | 8 cycles per hour/24 hours per day/365 days |
| Approvals | ISO 13849-1, ISO 14119, EN60204-1, EN62061, EN60947-5-1, UL 508 |
| Conduit entry | M23 12 Pole |
| Contact type | 2NC safety circuits, 1NC 1NO auxiliary circuits - actuator/door status |
| Contacts | 3NC 1NO |
| Head material | Stainless steel 316 |
| Holding force (F1Max) | 3000 N |
| Housing material | Stainless steel 316 |

| | |
|-------------------------------------|--|
| IP class | IP69K |
| Manual operation | Manual release lid only |
| Maximum approach / withdrawal speed | 600 mm/s |
| Mechanical reliability B10d | 2.5 x 10 ⁶ operations at 100mA load |
| Mounting | 4 x M5 |
| MTTFd | 356 years |
| Operating temperature | -25..40°C |
| PFHd | 3.44 x 10 ⁻⁸ |
| PL | e acc. ISO13849-1 |
| Rated insulation voltage | 600V ac |
| SIL | 3 acc. EN62061 |
| Solenoid Voltage | 24V dc |
| Thermal current (Ith) | 5 A |
| Travel for positive opening | 10 mm |
| Utilisation category | AC15, A300, 3 A |
| Withstand voltage | 2500V ac |





| | 6.0 | 5.0 | 0mm |
|-------|------|------|--------------------|
| 11/12 | Open | | Solenoid Energised |
| 21/22 | Open | | Solenoid Energised |
| 33/34 | Open | | Tongue Inserted |
| 43/44 | | Open | Tongue Inserted |