



IDEM - TONGUE INTERLOCK SAFETY SWITCHES – K-15

K-15

207001HF-SS
K-15 M20 '2NC 1NO' SS Head - HF Actuator

- 4 Actuator entry positions with a rotatable head. Plastic or stainless steel 316 head options
- Compact body with 3 conduit entries
- 3 pole contact blocks
- 54 mm x 86 mm 40mm fixing
- IP67 ingress protection rating



Product description

Features

- The K-15 Safety Interlock switch is designed to provide position interlock detection for moving guards
- They are designed to fit to the leading edge of sliding, hinged or lift off machine guards
- They offer a compact 86mm long body to fit to applications where space is restricted, yet offer 3 pole contacts and choice of 3 conduit entries for wiring versatility
- The head can be rotated to give 4 actuator entry positions



- Designed with a hinged lid to fit replacable contact blocks
- Flexible actuators are available and the K-15 is available with a stainless steel head

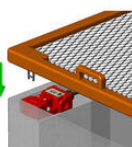
Specifications

| | |
|---------------|---|
| Actuator | Heavy duty flexible |
| Annual usage | 8 cycles per hour/24 hours per day/365 days |
| Approvals | ISO 14119, EN60947-5-1, EN60204-1, ISO 13849-1, EN62061, UL 508 |
| Atex approved | No |

| | |
|-------------------------------------|--|
| Central Material | Polyester |
| Conduit entry | M20 |
| Contacts | 2NC 1NO |
| Head material | Stainless steel 316 |
| IP Class | IP67 |
| Maximum approach / withdrawal speed | 600 |
| Mechanical reliability B10d | 2.5 x 10 ⁶ operations at 100mA load |
| Mounting | 2 x M5 |
| MTTFd | 356 years |
| Operating temperature | -25..80°C |
| PFHd | 3.44 x 10 ⁻⁸ |
| PL | e acc. ISO13849-1 |
| Rated insulation voltage | 500V ac |
| SIL | 3 acc. EN62061 |
| Thermal current (Ith) | 5 |
| Travel for positive opening | 8 |
| Withstand voltage | 2500V ac |



Hinged Guard



Lift Off Guard



Sliding Guard



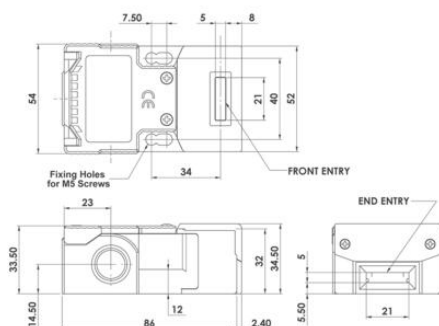
A

F

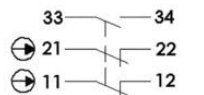
PF

HF

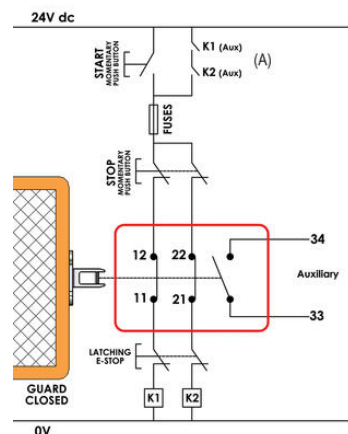
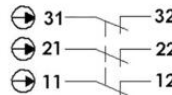
HFH

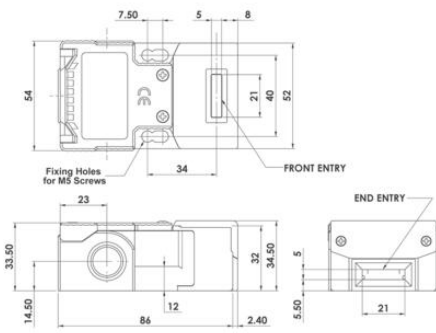
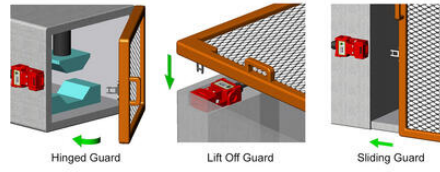


Slow Make Break 2NC 1NO

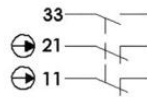


Slow Make Break 3NC





Slow Make Break 2NC 1NO



Slow Make Break 3NC

