



IDEM - TONGUE INTERLOCK SAFETY SWITCHES – K-15

K-15

207002F
K-15 ½NPT '2NC 1NO' - flat 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

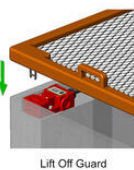
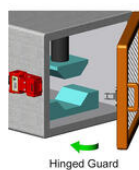
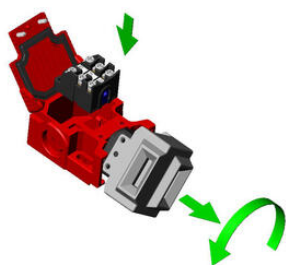


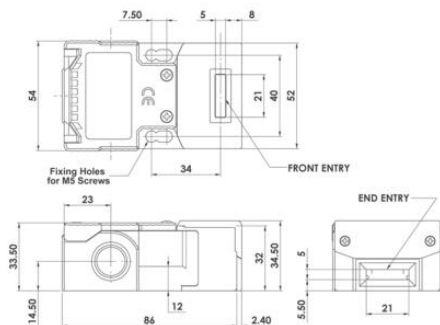
- Designed with a hinged lid to fit replacable contact blocks
- Flexible actuators are available and the K-15 is available with a stainless steel head

Specifications

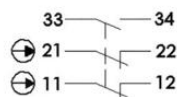
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|---------------|---|
| Actuator | Flat |
| Annual usage | 8 cycles per hour/24 hours per day/365 days |
| Approvals | ISO 14119, EN60947-5-1, EN60204-1, ISO 13849-1, EN62061, UL 508 |
| Atex approved | No |

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|--|--|
| Central Material | Polyester |
| Conduit entry | 1/2" NPT |
| Contacts | 2NC 1NO |
| Head material | Polyester |
| 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 |

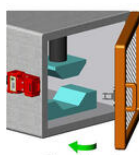
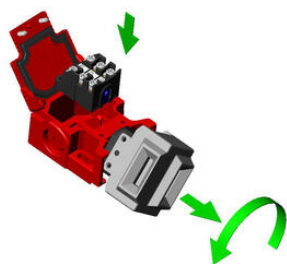
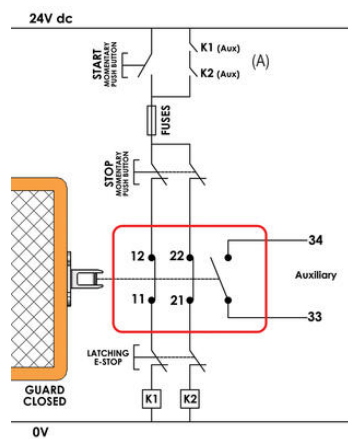
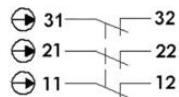




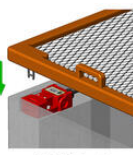
Slow Make Break 2NC 1NO



Slow Make Break 3NC



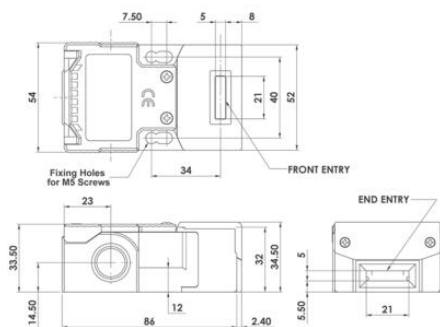
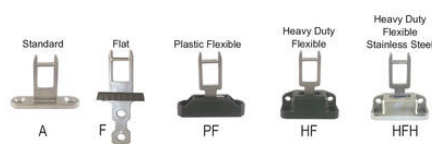
Hinged Guard



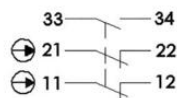
Lift Off Guard



Sliding Guard



Slow Make Break 2NC 1NO



Slow Make Break 3NC

