

## IDEM - TONGUE INTERLOCK SAFETY SWITCHES – K-15

K-15

207009F

K-15 QC M12 8way '3NC' - 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

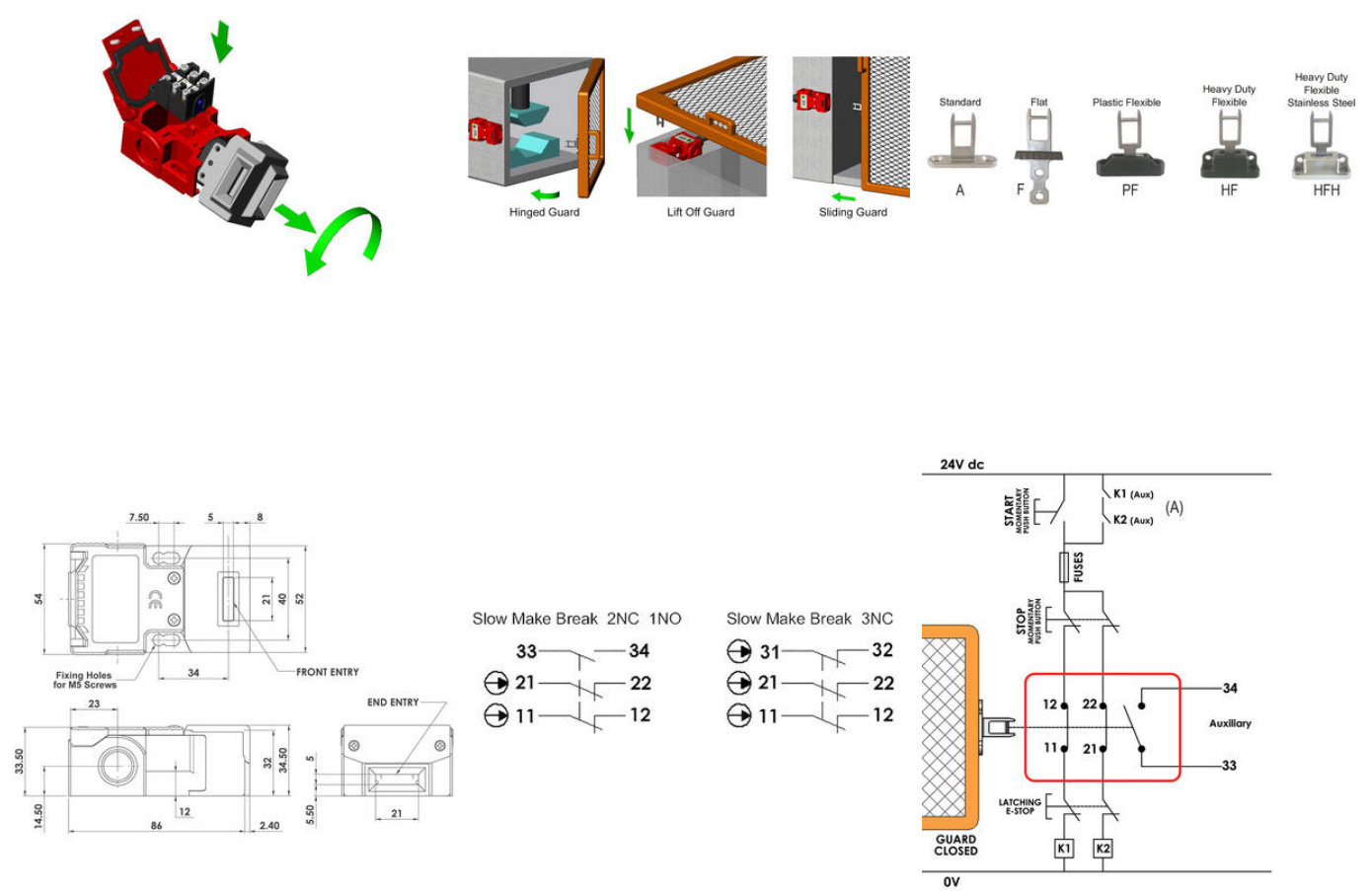


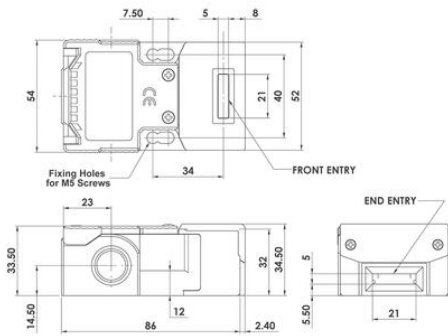
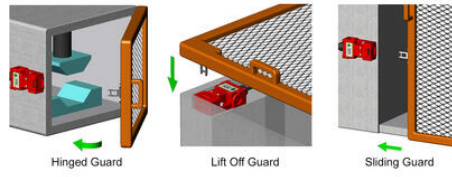
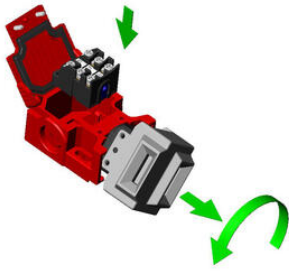
- Designed with a hinged lid to fit replaceable contact blocks
- Flexible actuators are available and the K-15 is available with a stainless steel head

### TECHNICAL DATA

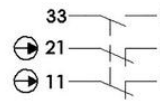
|                  |                                                                 |
|------------------|-----------------------------------------------------------------|
| Actuator         | Flat                                                            |
| Annual usage     | 8 cycles per hour/24 hours per day/365 days                     |
| Approvals        | ISO 14119, EN60947-5-1, EN60204-1, ISO 13849-1, EN62061, UL 508 |
| ATEX approved    | No                                                              |
| Conduit entry    | M12 8 Pole                                                      |
| Contacts         | 3NC                                                             |
| Head material    | Polyester                                                       |
| Housing material | Polyester                                                       |
| IP class         | IP67                                                            |

|                                     |                                                |
|-------------------------------------|------------------------------------------------|
| Maximum approach / withdrawal speed | 600 mm/s                                       |
| Mechanical reliability B10d         | 2.5 x 10 <sup>6</sup> operations at 100mA load |
| Mounting                            | 2 x M5                                         |
| MTTFd                               | 356 years                                      |
| Operating temperature               | -25..80°C                                      |
| PFHd                                | 3.44 x 10 <sup>-8</sup>                        |
| PL                                  | e acc. ISO13849-1                              |
| Rated insulation voltage            | 500V ac                                        |
| SIL                                 | 3 acc. EN62061                                 |
| Thermal current (Ith)               | 5 A                                            |
| Travel for positive opening         | 8 mm                                           |
| Withstand voltage                   | 2500V ac                                       |





Slow Make Break 2NC 1NO



Slow Make Break 3NC

