

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

K-15

207001  
 K-15 M20 '2NC 1NO'



- 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

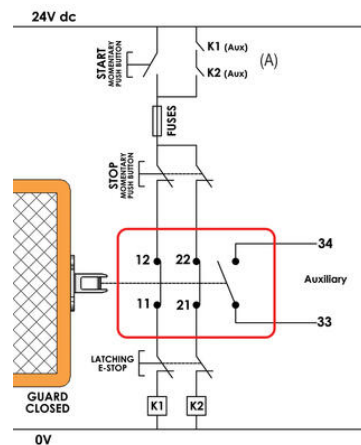
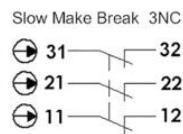
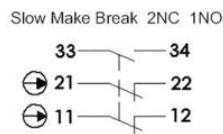
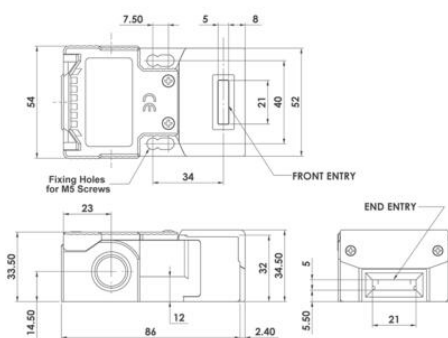
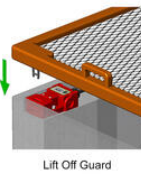
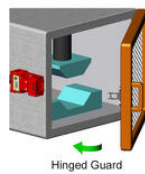
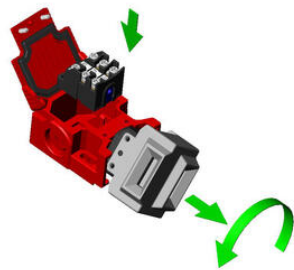


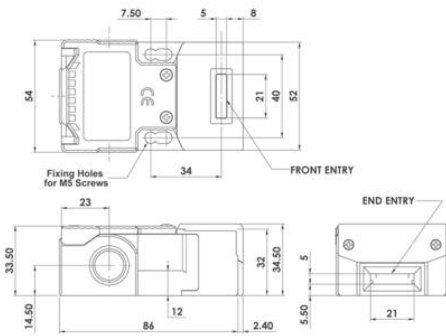
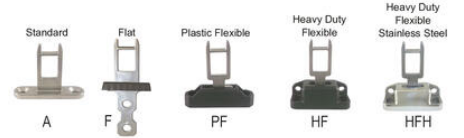
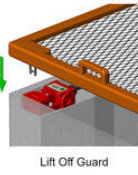
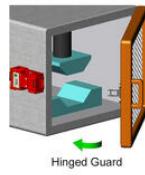
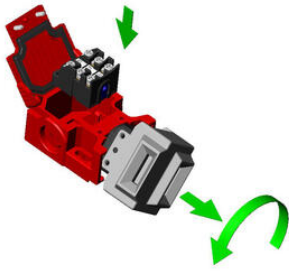
- Designed with a hinged lid to fit replaceable contact blocks
- Flexible actuators are available and the K-15 is available with a stainless steel head

### TECHNICAL DATA

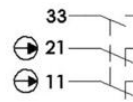
<b>Actuator</b>	Not included
<b>Annual usage</b>	8 cycles per hour/24 hours per day/365 days
<b>Approvals</b>	ISO 14119, EN60947-5-1, EN60204-1, ISO 13849-1, EN62061, UL 508
<b>ATEX approved</b>	No
<b>Conduit entry</b>	M20
<b>Contacts</b>	2NC 1NO
<b>Head material</b>	Polyester
<b>Housing material</b>	Polyester
<b>IP class</b>	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 (I <sub>th</sub> )	5 A
Travel for positive opening	8 mm
Withstand voltage	2500V ac





Slow Make Break 2NC 1NO



Slow Make Break 3NC

