IDEM - TONGUE INTERLOCK SAFETY SWITCHES – K-15

K-15

207006F-SS
K-15 QC ½UNF 6way '3NC' SS Head - 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

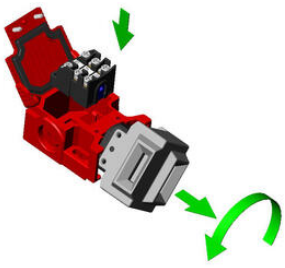
- The K-15 Safety Interlock switch is designed to provide position interlock detection for moving guards
- They are designed to fit to the leading edge of sliding, hinged or lift off machine guards
- They offer a compact 86mm long body to fit to applications where space is restricted, yet offer 3 pole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

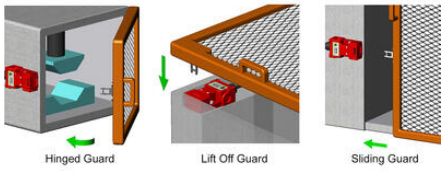
- Designed with a hinged lid to fit replacable contact blocks
- Flexible actuators are available and the K-15 is available with a stainless steel head

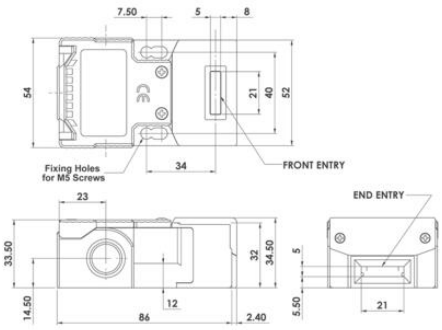
Specifications

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

Central Material	Polyester
Conduit entry	1/2"UNF 6 Pole
Contacts	3NC
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






7.50
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52
34
Fixing Holes
for M5 Screws
FRONT ENTRY
23
END ENTRY
33.50
32
34.50
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14.50
86
12
2.40
5.50
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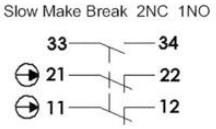
Slow Make Break 2NC 1NO
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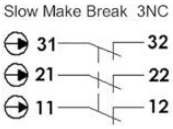
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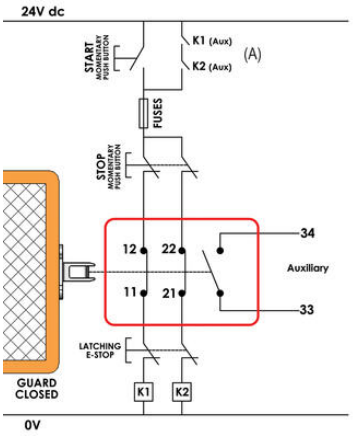
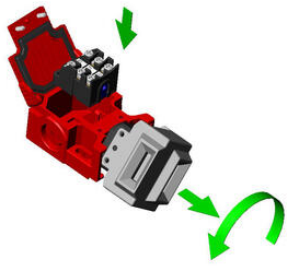
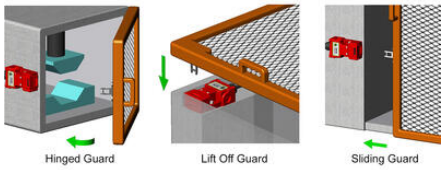
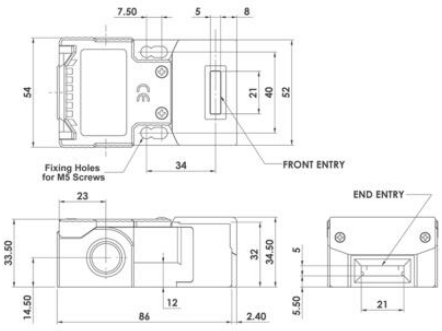

24V dc
START
MOMENTARY
PUSH BUTTON
K1 (Aux)
K2 (Aux)
(A)
FUSES
STOP
MOMENTARY
PUSH BUTTON
12
22
34
Auxiliary
11
21
33
LATCHING
E-STOP
GUARD
CLOSED
K1
K2
0V




Hinged Guard
Lift Off Guard
Sliding Guard


Standard
Flat
Plastic Flexible
Heavy Duty
Flexible
Heavy Duty
Flexible
Stainless Steel
A
F
PF
HF
HFH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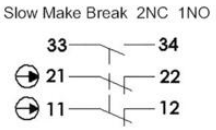
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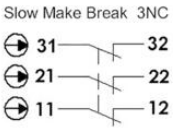
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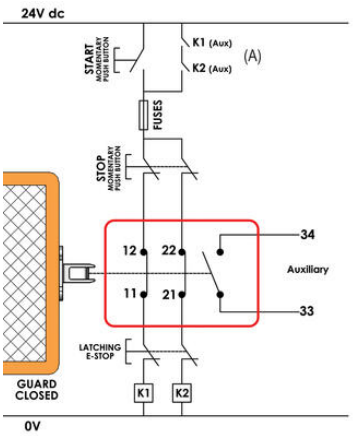
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