

Hinge Interlock Safety Switch - Type IDIS-2



Features:

- Positive opening safety contacts to IEC 947-5-1
- Compact version – fits on 22mm hole centres EN50047 body
- Universal Actuator for use with Left Hand, Right Hand and Swing doors
- Opening angle – 180 degrees
- Contact operation at 5 degrees
- High Mechanical Life 1,000,000 cycles
- Rugged plastic body - Enclosure Protected to IP 66/67
- Robust Stainless Steel Actuator
- Conformance to EN 60947-5-1 EN 1088
- Conduit entries: M20 ½" NPT or Quick connect

Universal fitting – opening angle 180 degrees for swing doors

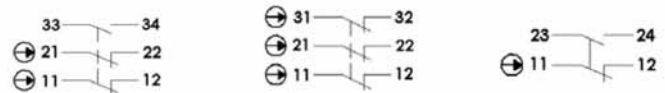
IDEM Compact Hinge Safety Interlock switches are designed to provide robust position interlock detection for moving guards.

They are designed to fit to the hinged axis of machine guard doors.

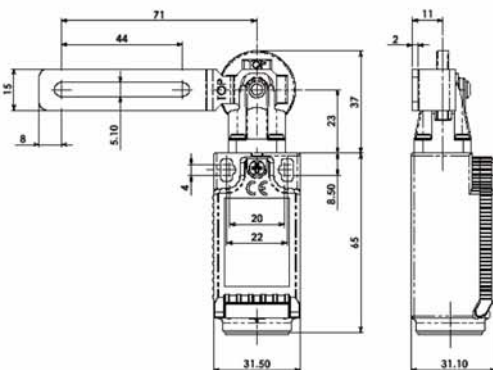
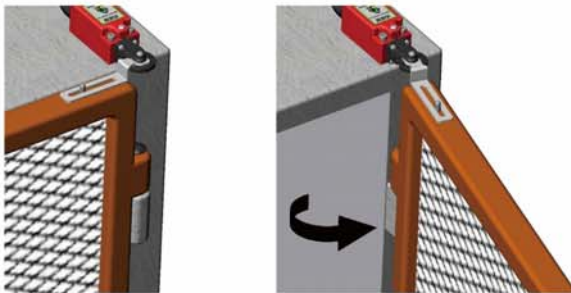
The rugged Stainless Steel actuator profile is designed to fix easily to the guard door frame and provide a positively operated interlock mechanism.

Switch head can be rotated through 90 degree increments to provide ease of mounting in 4 positions.

Contact blocks are replaceable with optional slow or snap break operation.



Slow Make Break 2NC 1NO Slow Make Break 3NC Snap Action 1NC 1NO



Outline fixing dimensions mm

- Conforming to standard EN50047, EN1088, IEC 947-5-1, UL508
- Positive Opening Operation NC Contact
- Utilization Category AC15 A300
- Thermal Current (Ith) 10A
- Rated Insulation Voltage 300VAC
- Rated Impulse Withstand Volt 2500VAC
- Insulation Resistance 100MΩmin.(DC500V)
- Contact Resistance 25mΩ max. (initial)
- Actuator Rotation for Positive Opening 7 degrees 0.5Nm
- Man. Actuation Frequency 2 cycle/sec
- Case Material UL approved glass-filled polyester
- Actuator Material Stainless steel
- Enclosure Protection IP67
- Operating Temperature -25°C to 80°C
- Pollution Degree 3
- Mechanical Life Expectancy 1 x 10⁶ Cycle min.
- Electrically Life Expectancy 150,000 Cycle min.
- Vibration IEC 68-2-6, 10-55Hz+1Hz, Excursion: 0.35mm, 1 octave/min
- Conduit Entry Various (See Sales Part Numbers)
- Fixing 2 x M4

Sales Number				
	Contacts	M20	½"NPT	QC
Universal Actuator	2NC 1NO	192001	190002	192003
Universal Actuator	3NC	192004	192005	192006
Universal Actuator	1NC 1NO Snap	192007	192008	192009