

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

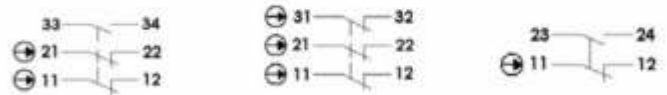
IDEM Compact Hinge Safety Interlock switches are designed to provide robust position interlock detection for moving guards.

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

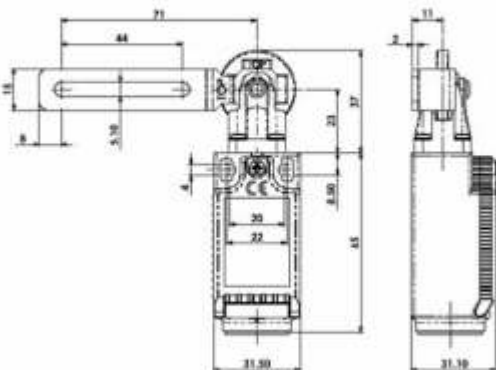
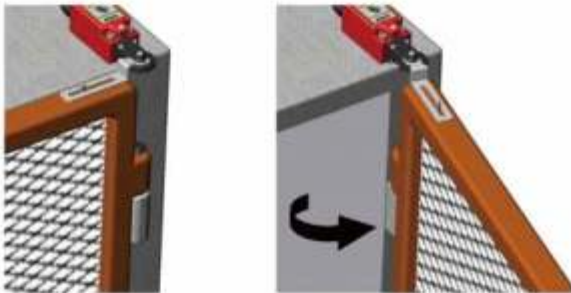
The rugged Stainless Steel actuator profile is designed to fix easily to the guard door frame and provide a positively operated interlock mechanism.

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 10 ⁶ 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