

## IDEM SAFETY LIMIT SWITCHES LSPS-R (PLASTIC BODY WITH RESET)

173002

LSPS-R Pin Plunger 1/2"NPT '2NC 1NO'

- Positive opening safety contacts to IEC60947-5-1
- Lockable head mechanism
- Choice of 8 actuator heads: Linear and Rotary actions.
- Enclosure protection to IP67, suitable for washdown.
- Conduit entries: M20 1/2" NPT or Quick Connect.



### PRODUCT DESCRIPTION

IDEM's LSPS-R range of Plastic Body Safety Limit Switches with Manual Reset are designed to be mounted for position sensing of moving applications, e.g. guard doors, conveyors, machine beds, elevators.

#### Operation

Operation of IDEM Safety Limit Switches is achieved by a sliding actuation of the moving object to cause deflection of the switch plungers, rollers or levers. In addition to the standard LSPS switch they are equipped with a manual reset which needs to be operated after the lock is engaged.

### TECHNICAL DATA

Actuator	Pin Plunger
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
Conduit entry	1/2"NPT
Contacts	2NC 1NO
Housing material	Glass-filled polyester
Integrated reset button	Yes
IP class	IP67
Mechanical reliability B10d	2.5x10 <sup>6</sup> operations at 100mA load
MTTFd	356 years
Operating temperature	-25C +80C
PFHd	3.44 x 10 <sup>-8</sup>

Rated insulation voltage	300Vac
Thermal current (Ith)	10 A