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IDEM SAFETY LIMIT SWITCHES LSMM (METAL BODY)

172010
LSMM Cross Roller Plunger, end 2M '2NC 1NO'



- Positive opening safety contact to EN60947-5-1
- 7 actuator heads - linear and rotary
- High mechanical life over 5,000,000 cycles
- Enclosure protection to IP67 - suitable for washdown
- Unique 3 pole positively operated contacts

PRODUCT DESCRIPTION

IDEM's range of LSPM Safety Limit Switches are designed to be mounted for position sensing of moving applications e.g. guard doors, conveyors, machine beds and elevators. They are available with linear plungers, rotary levers or roller plungers with either slow break or snap action contacts.

Actuator types	
PP	Pin plunger
RP	Roller plunger
CR	Cross roller plunger
RL	Roller lever
PPP	Panel mount pin plunger
PRP	Panel mount roller plunger
PCR	Panel mount cross roller plunger

Operation of LSMM Safety Limit Switches is achieved by a sliding actuation of the moving object to cause deflection of the switch plungers or levers.

For safety applications it is important that the moving object does not pass completely over the switch actuators so as to either cause damage to the actuator or allow it to return to its original position.

TECHNICAL DATA

Actuator	Cross Roller Plunger
Annual usage	8 cycles per hour/24 hours per day/365 days
Approvals	ISO 14119, EN60947-5-1, UL 508
Cable	End Exit
Cable length	2 m
Contacts	2NC 1 NO
Housing material	Die cast metal
IP class	IP67
Mechanical reliability B10d	$2.5x10^6$ operations at 100mA load
MTTFd	356 Years

PFHd	3.44 x 10^{-8}
Rated insulation voltage	300Vac
Thermal current (Ith)	10 A



