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IDEM DIE-CAST SAFETY LIMIT SWITCHES HLM

174001
HLM SRL M20 '2NC 2NO'



- Heavy duty die-cast bodies (red)
- Positive opening NC safety contact
- High mechanical life over 5,000,000 cycles
- Industry standard mounting
- Large choice of actuator heads

PRODUCT DESCRIPTION

IDEM's HLM range of heavy duty Die Cast Safety Limit Switches have been designed to be mounted for position sensing of moving applications e.g. guard doors, conveyors, machine beds and elevators. They are available with an extensive range of actuator heads and can be supplied with either slow break or snap action contacts.

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.

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	Short Roller Lever
Annual usage	8 cylcles 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
Cable entry	1 x M20 x1,5
Conduit entry	M20
Connection	Screw terminal
Contacts	2NC 2NO
Housing material	Die cast metal
IP class	IP67
Material of body	Metal
Mechanical reliability B10d	$2.5x10^6$ operations at 100mA load

MTTFd	356 Years
Operating temperature	-25C +80C
PFHd	3.44 x 10^{-8}
Rated insulation voltage	300Vac
Thermal current (Ith)	10 A

