



**Elevator
Equipment
Corporation**

Hatchway Switches

**MV-4C
Permanent
Magnet
Switch**



**LS-1B
Limit
Switch**



**LDS3004A
Inductor
Switch**



EECO manufactures several different hatchway switches and can provide the right solution for your specific requirement. All of EECO's landing control products are manufactured in our Los Angeles plant to the highest quality standards. All EECO switches are UL and CSA certified. Weather proofing options are available for all EECO switches.

LDS3004A Inductor Switch

The EECO Permanent Magnet Inductor Switch is intended for use on hydraulic and electric elevators with speeds up to 400 feet per minute and one floor run control. The EECO Permanent Magnet Inductor Switch is made to interface with either relay logic, micro-processor or programmable logic controllers.

The horseshoe shaped inductor switch provides noiseless sensing of slowdown and landing positions of the elevator. The EECO LDS3004A Inductor Switch features solid metal construction and uses both a normally open and a normally closed contact reed switch as standard.

The LDS3004A has a contact rating of 10 watts maximum switching at 250 Volts DC and 0.50 Amps. The switch contact arrangement is form "C" (one normally open and one normally closed). Average operating time (including bounce) is 2 milliseconds (normally open) and 4 milliseconds (normally closed).

At full rated load the contact is anticipated to have a mean time between failure of 10 million cycles. If the load handling is decreased, the life cycle should increase.

LS-1B Limit Switch

The LS-1B Limit Switch is designed specifically for use in the elevator hatchways as zoning, normal, and final limits. A reduced noise level during operation is achieved by low mass construction of moving parts, and cushioning of the return action. The LS-1B is equipped with one set of normally open and one set of normally closed SPDT contacts. DPDT contacts are available. The LS-1B is rated at 300 Volts AC at 8 Amps. or 230 Volts DC at 1 Amp.

MV-4C Permanent Magnet Switch

The EECO MV-4C Permanent Magnet Switch is designed primarily for elevator leveling control units, elevator zone switches, punch presses, lift hoists, conveyor transfer systems, and other applications requiring trouble free service. Consistent repeat accuracy can be easily and economically controlled by these units where mechanical contact is not desired between the actuating vane and switch. SPDT contacts are standard, DPDT contacts are available.

The EECO MV-4C is rated at 300 Volts AC at 8 Amps. or 230 Volts DC at 1 Amp. The MV-4C dead zone is less than 1/8" at 1/4" gap.



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