

Elevator Magnetic Levelling & Limit Switches (BS Series)

Bistable & Monostable Magnetic Switches for Elevator Hoistway & Car Position

Product Overview

Misensor BS Series elevator magnetic switches provide reliable non-contact floor leveling, speed deceleration zone detection, and terminal limit switching inside elevator hoistways. Available in cylindrical threaded (M12/M18), U-slot, and heavy-duty rectangular housings.

Key Features

- Bistable (latching) and Monostable (NO/NC) contact...
- High-power reed contacts up to 60W-120W, 250V AC/DC
- Long operating distance (10mm-35mm) with ferrite/N...
- IP65/IP67 sealed against dust, oil, and moisture
- Vibration and shock resistant for high-speed eleva...

Typical Applications

- Elevator car leveling and door zone detection
- Hoistway upper/lower terminal limit switches
- Industrial hoist, crane, and automated conveyor po...

Technical Specifications & Model Selection

Model	Switch Type	Contact Form	Max Rating	Max Switching Voltage	Operating Distance	Housing Style
BS-01A	Bistable Latching	Form E (Latching)	50W / 60W	220V AC/DC	15-35mm	Cylindrical / Brac..
BS-01B	Monostable	1A (NO) / 1B (NC)	50W / 60W	220V AC/DC	15-35mm	Cylindrical / Brac..
BS02	Bistable Latching	Form E (Latching)	60W	250V AC/DC	10-30mm	Rectangular Hoistway
BS03-NO	Monostable	1A (SPST-NO)	50W	220V AC/DC	12-25mm	M12 / M18 Threaded
BS-04	Heavy Duty	1A / 1B / 1E	80W / 120W	250V AC/DC	15-40mm	Heavy-Duty Enclosure
BS05-1A / 1B	Monostable	1A (NO) / 1B (NC)	50W	220V AC/DC	10-25mm	Compact Tubular