

- FIBER SENSORS
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Double-role switch with a magnet for holding objects and a built-in switch for detection

Features

- A switch that makes electrical construction possible at 100 V AC power
- The built-in magnet safeguards checking of the facility cover and gate
- Built-in switch with accurate ON / OFF detection
- Combination of magnet (support) and limit switch (detection) saves on both construction and space.
- Two types of contact: 1 Form A (ON when gate is closed), and 1 Form B (ON when gate is open)
- The unit case comes in three colors: Yellow, Brown, and Gray.
- The product comes with three different types of weight sustainability: 9.8 N {1 kgf}, 29.4 N {3 kgf} and 49.0 N {5 kgf}.

Typical applications

- Detection of opening / closing of closet or storage-room doors.

PRODUCT TYPES

Product name	Specifications			Model No.
	Contact construction	Case color	Sustainable weight sustainability	
Magnelimit 1 Form A type	1 Form A (ON when gate is closed)	Yellow	29.4 N {3 kgf} type (Note 2)	AZC11013Y
		Brown		AZC11013A
		Gray		AZC11013H
Magnelimit 1 Form B type	1 Form B (ON when gate is open)	Yellow		AZC11113Y
		Brown		AZC11113A
		Gray		AZC11113H
Options	Metal plate (Note 1)	Metal plate (13 × 60 × 1.6 mm 0.512 × 2.362 × 0.063 in)		AZC1801

Notes: 1) The unit comes with an metal plate enclosed.

2) Weight sustainability also comes in 9.8 N {1 kgf} and 49.0 N {5 kgf} types. Specify when ordering by replacing "3" with "1" for the 9.8 N {1 kgf} type, and "5" for the 49.0 N {5 kgf} type at the end of the Model No.

CAUTIONS FOR USE

- Because the magnelimit is not waterproof, avoid using in areas where it may be splashed with either water or oil. Also, avoid using in locations where dust may accumulate.
- Do not use in atmospheres where the unit may directly come into contact with any kind of organic solvent, strong acid or alkaline liquids, or combustible or corrosive gasses.
- Avoid using in silicon environments such as organic silicon-based rubber, solvents, sealants, oil, grease, or wiring.
- The moveable parts on the magnelimit such as the gates are equipped with a stopper, so avoid attachments that require them to bear the full load.
- In order to improve reliability under actual working conditions, check the quality under as close to actual working conditions as possible.
- This magnelimit has a built-in electromagnet. For this reason, take care not to place floppy disks, magnetic cards, or other magnetic recording mediums near the unit, as the data may be corrupted or lost.

- FA COMPONENTS
- MACHINE VISION SYSTEMS
- UV CURING SYSTEMS
- Timers
- Time Switches
- Counters
- Hour Meters
- Options
- Limit Switches
- Temperature Controllers
- Solenoids
- Fan Motors
- Selection Guide
- SL
- HL
- QL
- Magnelimit

MEMO

