

## Door Switch Magnetlimit





**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	
Magnetlimit 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
Magnetlimit 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 magnetlimit 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 magnetlimit 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 magnetlimit 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.

## Disclaimer

The applications described in the catalog are all intended for examples only. The purchase of our products described in the catalog shall not be regarded as granting of a license to use our products in the described applications. We do NOT warrant that we have obtained some intellectual properties, such as patent rights, with respect to such applications, or that the described applications may not infringe any intellectual property rights, such as patent rights, of a third party.

**Panasonic**  
INDUSTRY

**Panasonic Industry Co., Ltd.**

Industrial Device Business Division

7-1-1, Morofuku, Daito-shi, Osaka 574-0044, Japan

[industrial.panasonic.com/ac/e/](http://industrial.panasonic.com/ac/e/)