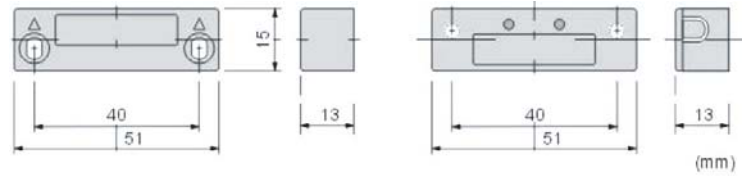




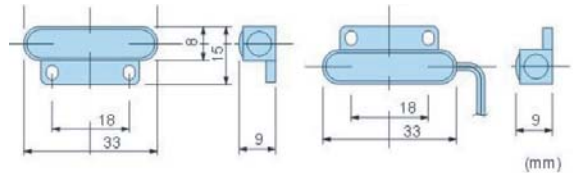
MC-11 Series
MC-11

- Regular gap up to 30mm
- Screw terminals for quick installation
- Concealed terminals
- Available in closed loop and open loop



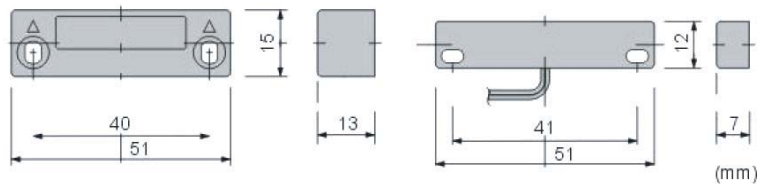
MC-12 Series
MC-12
MCL-12A

- Regular gap :MC-12 20mm/up (for CL),15mm/up (for OL & SPDT)
MCL-12A 35mm/up
- New design – perfect for all small application
- Removable flange for limited space installation
- Hermetically sealed
- Screw mount or self - stick --both options
- provided for
Available in closed loop , open loop And SPDT



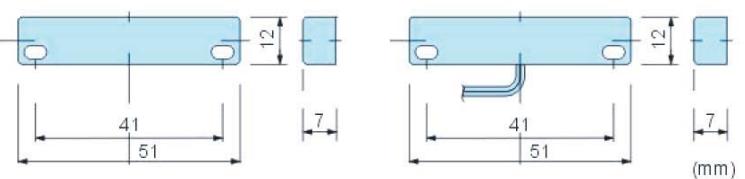
MC-13 Series
MC-13
MCD-13

- Regular gap up to 30mm/up
- Available in closed loop and open loop



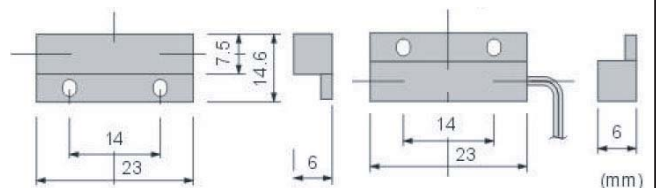
MC-14 Series
MC-14
MCD-14

- Regular gap 25mm/up
- Small & thin size
- Available in closed loop only



MC-15 Series
MC-15
MCL-15A

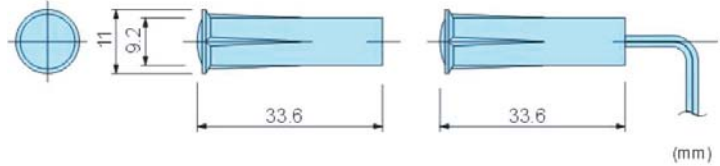
- Regular gap : 15mm/up(MC-15)
25mm/up(MCL-15A)
- Miniature Surface mount
- Switches or magnet only are available separately
- Available in closed loop and open loop





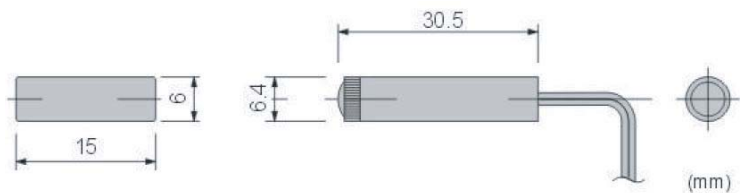
MC-21 Series
MC-21
MCL-21A

- Added security of recessed installation
- 3/8" press -to -fit mount....no screw or glue necessary
- Regular gap : MC-21A:16mm/up
MC-21B:13mm/up
MC-21C:13mm/up
MCL-21A:20mm/up



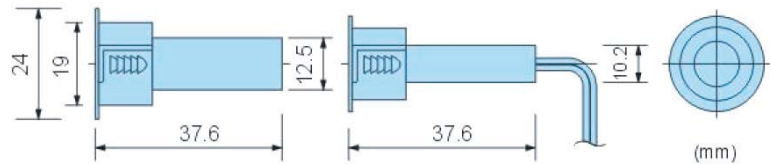
MC-22 Series
MC-22

- Thin body....ideal for install into windows frame
- 1/4" press -to -fit mount.
- Switches or magnet only are available Separately



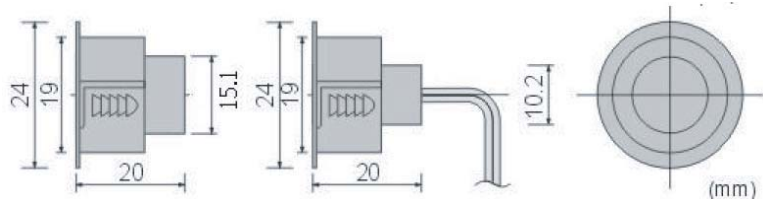
MC-23 Series
MC-23

- Recessed steel door switch set
- 3/4" press -to -fit mount.
- Available in close loop,open loop and SPDT
- Regular gap(according to Non-steel door testing standard)
: MC-23A:20mm/up
MC-23B:15mm/up
MC-23C:15mm/up



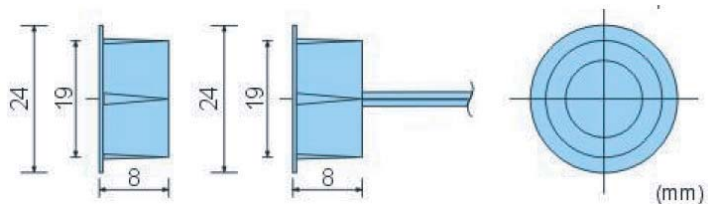
MC-25 Series
MC-25
MCL-25A

- 20 mm length short body of MC-23
- Regular gap(on the Non-steel door)
: MC-25A:20mm/up
MC-25B:15mm/up
MCL-25A:30mm/up



MC-28 Series
MC-28

- Recessed steel door switch set
- 3/4" press -to -fit mount.
- Very thin design,
8 mm length short body
- Double reed switch inside
- Available in close loop only

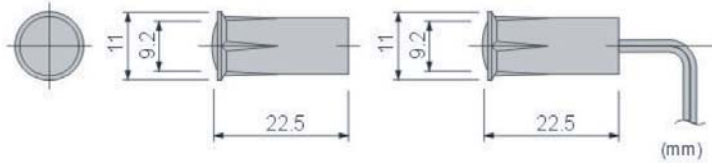




MC-31 Series

MC-31
MCL-31A

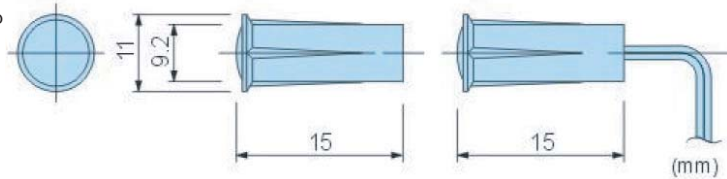
- Added security of recessed installation
- Suitable on Non-Steel door
- Regular gap : MC-31A:15mm/up
MC-31B:13mm/up
MC-31C:13mm/up
MCL-31A:20mm/up



MC-41 Series

MC-41
MCL-41A

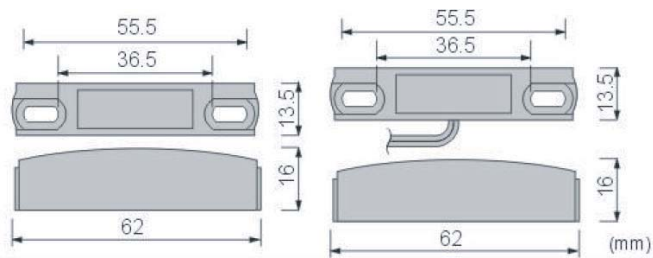
- 15mm length short body of MC-31
- Regular gap : MC-41A:13mm/up
MCL-41A:18mm/up



MC-44 Series

MC-44A, MCL-44A
MCD-44A, MCR-44

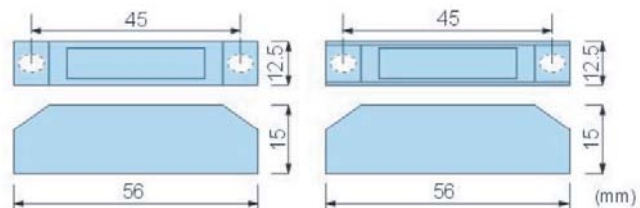
- Regular gap (on the non-steel door) :
MC-44A:30mm/up
MCL-44A:40mm/up
MCD-44A:30mm/up
MCR-44:30mm/up



MC-66 Series

MC-66

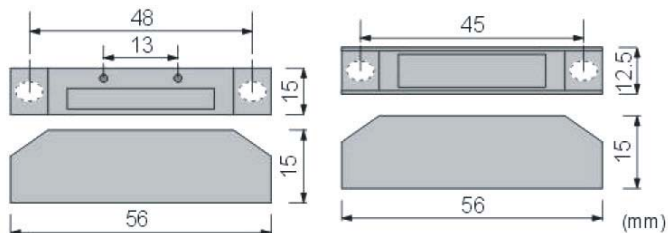
- Screw driverless terminals, wire connection needs no tools
- No splicing required
- Accepts stranded wire #24AWG-18AWG
- Regular gap :
MC-66A:30mm/up
MC-66B:25mm/up



MC-69 Series

MC-69
MCL-69A

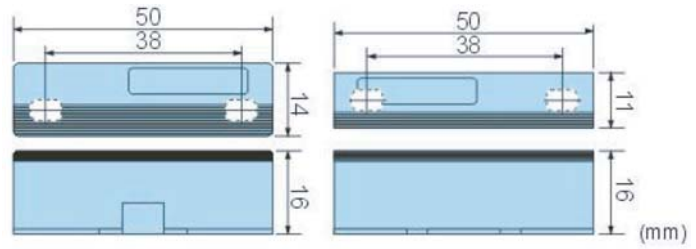
- Spacers upon request
- Regular gap (on the Non-steel door) :
MC-69A:30mm/up
MC-69B:25mm/up
MCL-69A:40mm/up





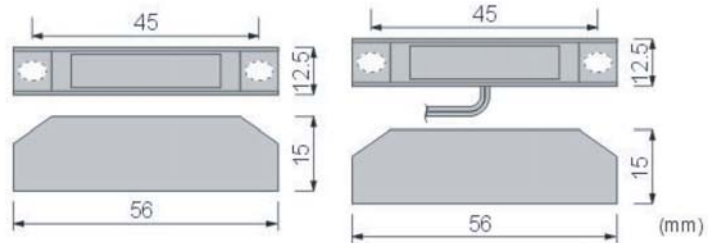
MC-73 Series
MC-73A
MC-73B

- L terminals insure a quick and trouble free connection
- Surface mount / screw terminals
- Regular gap (on the Non-steel door) :
MC-73A:30mm/up
MC-73B:25mm/up



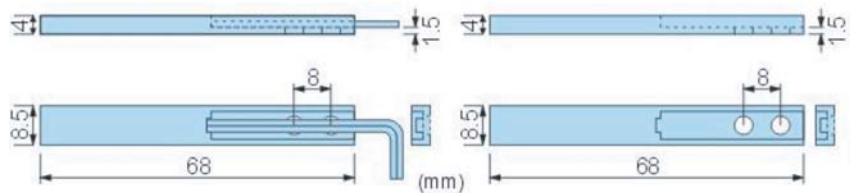
MC-77 Series
MC-77A

- Regular gap : 25mm/up
- Security & Waterproof



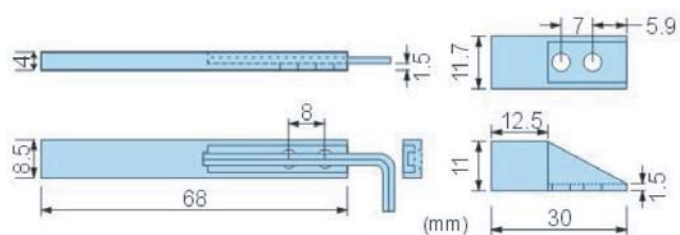
MC-88 Series
MC-88A

- Regular gap : 20mm/up
- 4mm thin body, ideal to narrow space doors and windows



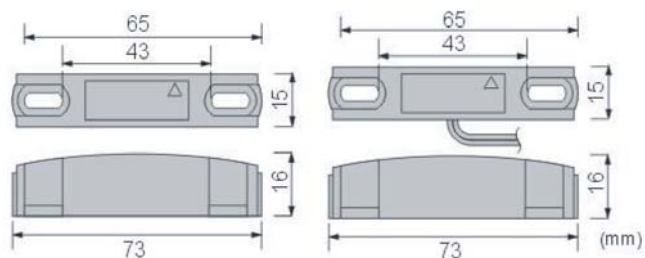
MC-89 Series
MC-89A
MCL-89A

- Application: interior screen window, an aluminium door / window
- Regular gap (on the Non-steel door) :
MC-89A:30mm/up
MCL-89A:40mm/up



MC-99 Series
MC-99, MCL-99A
MCD-99, MCR-99

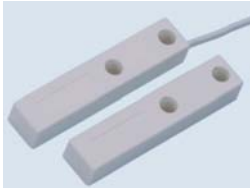
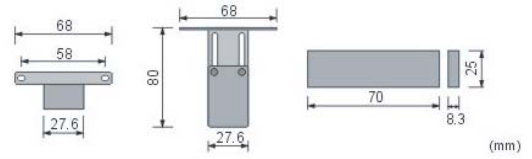
- W/Parallel crooked length increases (each 10mm) design on the installation.
- Regular gap (on the Non-steel door) :
MC-99A:30mm/up
MCL-99A:40mm/up
MCD-99A:30mm/up
MCR-99A:30mm/up





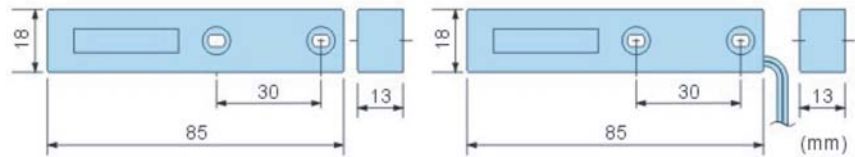
MC-101 Series
MC-101

- Wide gap up to 80mm for roll-up garage door, door top mounting
- New designed mounting bracket for easy installs.



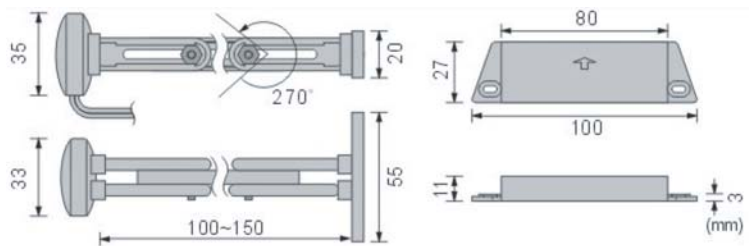
MC-303 Series
MC-303

- For roll-side garage door
- easy to install, Low cost



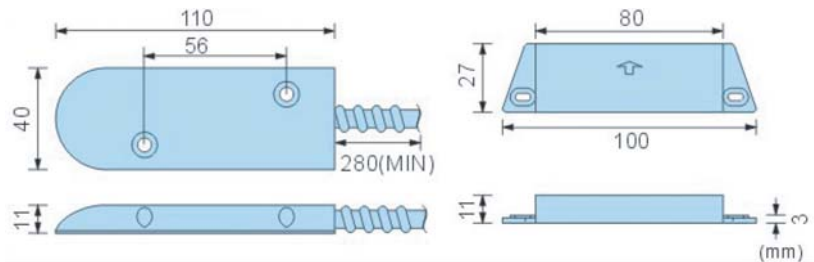
MC-505 Series
MC-505

- For roll-up garage door top mounting
- 2 Rotary ways breaket



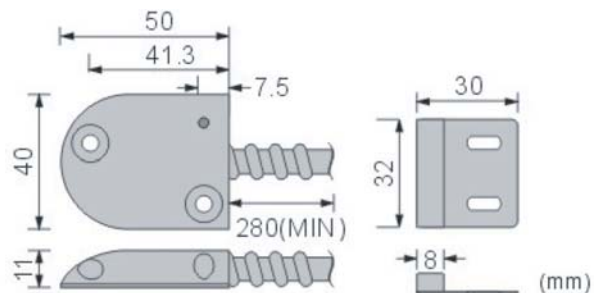
MC-606 Series
MC-606

- ground type for roll-up garage door



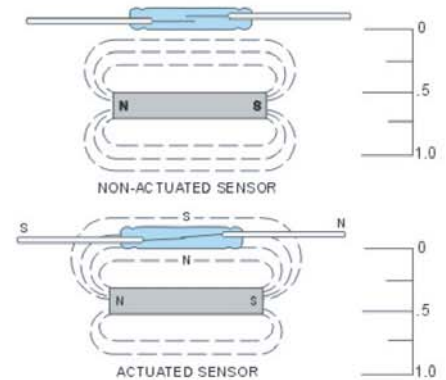
MC-707 Series
MCD-707

- Small size design of MC-606
- W/LED for control monitor contact situation

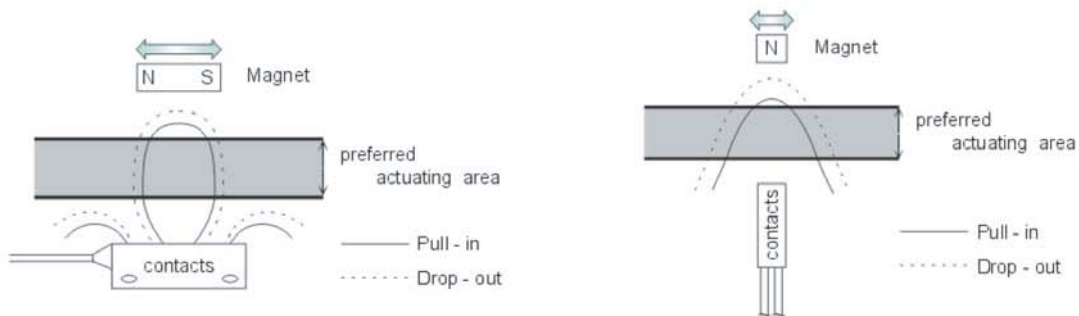


THEORY OF OPERATION

JIN ZON magnetic contacts convert mechanical motion to an electrical signal via the basic reed switch capsule. A reed switch consists of two low-reluctance, ferromagnetic reeds placed in a cantilever style so ends align and overlap but with a small air gap. These slender, flattened reeds of 50% nickel and 50% iron are precision plated with precious metals chosen to ensure optimal function. Metals usually include rhodium, ruthenium, and gold. The plated reeds are then enclosed in a controlled atmosphere of inert gas and hermetically sealed in a glass tube. When brought into the influence of a magnetic field, extreme ends of the overlapping ferromagnetic reeds assume opposite magnetic polarity. When the magnetic flux density is sufficiently strong, attraction forces of the opposing magnetic poles overcome reed stiffness and cause them to flex toward each other making contact. Because there are no mechanical parts, there is no sticking or binding to wear out. This fault-free operation can be repeated accurately millions of times at extremely high speeds. Motion to activate the sensing device can be any that brings the permanent magnet close to the switch. Both exposure to, and interruption of the magnetic field can trigger sensor operation.



PREFERRED ACTUATING POSITION

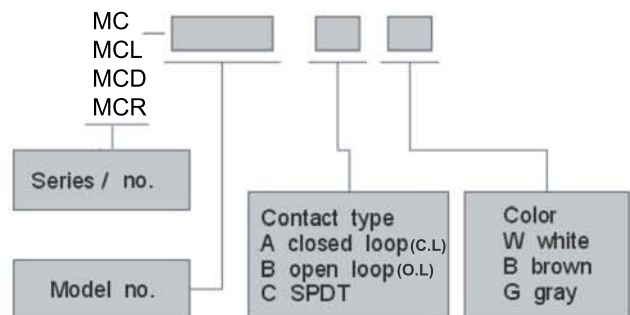


SPECIFICATIONS

Terminal Screw	#4 (M3)	
Wire Leads	25 cm #22AWG	
Contact Rating	closed loop	100V/0.5A/10Watts (max.)
	open loop	30V/0.3A/3Watts (max.)
	SPDT	30V/0.3A/3Watts (max.)
Breakdown Voltage	250 VDC (min.)	
Contact Resistance	0.3mOhm(max.)	
Life (resistive loads)	10 ⁷ (6VDC, 10mA)	
Operating Temp.	-10~+60°C	

※specification and design are subject to change without notice.

ORDERING INFORMATION



JIN ZON has established a special program by which you can "sign your installation" with Magnetic Contacts that bear your company name or logo. this feature is available on all types of our Magnetic Contacts.



駿融企業有限公司

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