



GE Magnetic Contacts

www.GE-Interlogix.com

Steel Door Contact

3/4" and 1" contacts 1078/1076 Series

Overview

The GE Interlogix 1078 Series Steel Door contacts are designed specifically for use in the steel doors commonly found in commercial building applications. The unique housing design features a rugged unibody construction with flexible ribbed sides for quick, secure installation without gluing. The magnet housing isolates the magnet from the surrounding steel for maximum gap distances, both make and break. Over seven models including: Wide Gap, SPDT, DPDT, and Biased for High Security applications make the 1078 Series the most widely used and comprehensive line available.

On available models a terminal connection (T) makes installation easier. Simply strip the wire, insert it into the terminal block and tighten. The terminal accepts any wire size from 14 to 22 gauge, and has a unique one piece design for added strength.

An optional Rare Earth Magnet is available. It is designed for use in metal entry/exit doors with a channel in the top of the door. The magnet eliminates the need to cut a mounting hole in the door channel. The flexible magnet housing can be compressed to accommodate a variety of channel widths for quick, easy installation. Adhesive is recommended.

Architectural and Engineering Specifications

The contact contains a hermetically sealed magnetic reed switch. The reed shall be potted in the contact housing with a polyurethane based compound. Contact and magnet housing shall snap-lock into a 3/4" or 1" dia. hole. Housings shall be molded of flame retardant ABS plastic. Color of housings shall be off-white, grey or mahogany brown. The magnet shall be made of Alnico V. Rare Earth Magnet shall be made of neodymium iron boron.

Designed for use in Steel Doors

Snap-lock insulation bushing for tight fit and maximum gap in steel.

Both contact and magnet plastic housings are constructed of one piece of thick-walled ABS plastic for maximum strength and durability.



Standard Features

- Fly leads and terminal options available
- Designed specifically for use in steel doors
- Special ribbed sides allow for easy installation
- Rugged unibody construction for maximum durability and reliability
- Terminal models available for easier installation
- Regular, Wide Gap, SPDT, DPDT, and High Security models available
- Rare Earth Magnet designed for steel door with top channel available

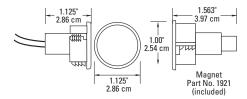
Model numbers

1076, 1076W, 1076C, 1076CW, 1076D, 1078, 1078W, 1078C, 1078CT, (R)1078, 1078CTW

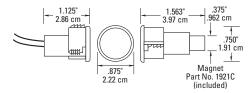
Dimensions

Models:

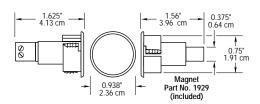
(R)1078, 1078W, 1076, 1076W, 1076D



Models: 1078C, 1076C, 1076CW, 1076CH



Models: 1078CT, 1076CTW,



(R) prefix indicates Rare Earth Magnet

Specifications

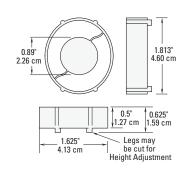
Form A: (R)1078, 1078W, 1078C, 1078CT, 1078CTW

100V AC/DC max. Current 0.5 A max. Power 7.5 W max.

Form C: 1076, 1076W, 1076D, 1076C(D), 1076CW, 1076CH

Voltage 30V AC/DC max. Current 0.25 A max. Power 3.0 W max.

Rare Earth Magnet



Protected by U.S. Patent 5,844,458.



Color

Ordering Information

Model	Dia.	Loop Type	Electrical Config.
1076	1"	Open or Closed	SPDT
1076W	1"	Open or Closed	SPDT
1076D	1"	Open or Closed	DPDT
1078	1"	Closed	N/0
1078W	1"	Closed	N/0
1076C	3/4"	Open or Closed	SPDT
1076CW	3/4"	Open or Closed	SPDT
1078C	3/4"	Closed	N/0
(R)1078	1"	Closed	N/0
1078CT	3/4"	Closed	N/0
1078CTW	3/4"	Closed	N/0

* Gap distances are nominal make distance ±20%. Gap specifications are for swi	
	Break distance is approximately 1.1 to 1.5 times make.

Contact	Magnet
1" x 1.125"	1" x 1.563"
1" x 1.125"	1" x 1.563"
1" x 1.125"	1" x 1.563"
1" x 1.125"	1" x 1.563"
1" x 1.125"	1" x 1.563"
.75" x 1.125"	.75" x 1.563"
.75" x 1.125"	.75" x 1.563"
.75" x 1.125"	.75" x 1.563"
1" x 1.125"	1" x 1.563"
.75" x 1.625"	.75" x 1.56"
.75" x 1.625"	.75" x 1.56"

Wood*	Gap Distand	ce* Rare Earth
1"	Up to ¹ / ₂ "	Up to ⁵ /8"
2"	Up to 1"	
3/4"	Up to ³ / ₈ "	Up to ⁵ / ₈ "
1"	Up to ¹ /2"	Up to ⁵ / ₈ "
2"	Up to 1"	
7/8"	Up to ³ / ₈ "	Up to ⁵ / ₈ "
2"	Up to ³ / ₄ "	
1/2"	N/A	
1"	Up to ¹ / ₂ "	Up to ⁵ / ₈ "
7/8"	1/2"	5/ ₈ "
5/8"	3/4"	N/A

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