

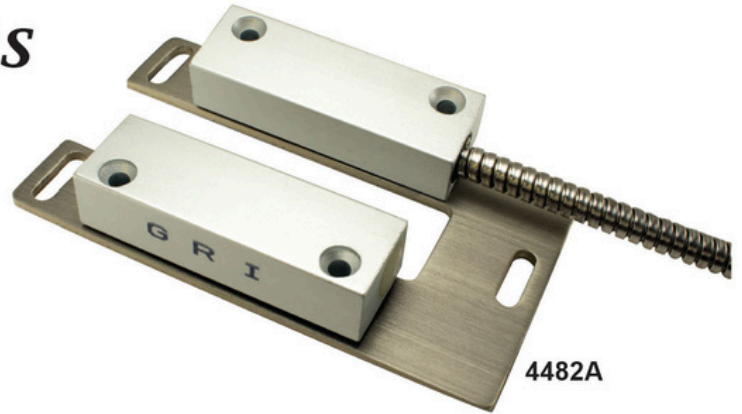
Commercial Overhead Door Switch Set

WWW.GRISK.COM



4110 / 4482 Series

- ◆ Latch type door protection
- ◆ Vane switch shunt
- ◆ Cost effective
- ◆ Easy installation
- ◆ Armored or jacketed cable



4482A

The GRI 4110 Series is basically a "vane" switch for use on storage units with overhead doors and latch type locks. Intended to be mounted on a roll up type door channel, the 4110 will not allow the alarms system to arm unless the bolt or latch, which serves as a "shunt" between the reed switch and magnet, is in a locked position. Removal or tampering of the bolt or latch removes the shunting effect and an alarm will be activated when the circuit is opened.

Installation notes: Remember, this is a switch that operates on the principles of magnetism. Things with iron will affect how the switch operates. The majority of overhead doors have iron or particles of iron in them. Non-ferrous (no iron) based spacers must be used to insulate the switch from the rail. Isolate (insulate) the 4110 at least 1/4 inch from the mounting rail, the GRI S-41 mounting bracket is suggested. Not doing so will create an unstable environment for the switch and may generate false alarms and other erratic signals. GRI 4110 is to be installed on the slotted channel (side rail) in such a way that when the door is locked, the sliding bolt will pass directly between the uprights of the switch. The locking bolt must have iron in it in order to "block" the magnetic path on the door switch.

The 4110 series is available with 18" stainless steel armored cable (4110A) or 18" jacketed cable (4110). It is a low profile, extruded aluminum switch mounted on an aluminum plate. Optional mounting kit available. All necessary mounting hardware is also provided.

For door applications with larger tracks, GRI now offers a larger heavy duty vane switch. The 4482 has 36" jacketed cable and the 4482A has 36" armored cable. Overall dimensions for the 4482 are 4.5" x 2.75" x .75". Mounting plate and hardware provided.



4110A



4110-Kit
4110A-Kit

Includes S-41 bracket
and mounting hardware

GEORGE RISK INDUSTRIES, INC.
G.R.I. PLAZA
KIMBALL, NE 69145

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Miniature Overhead Door Switch Set

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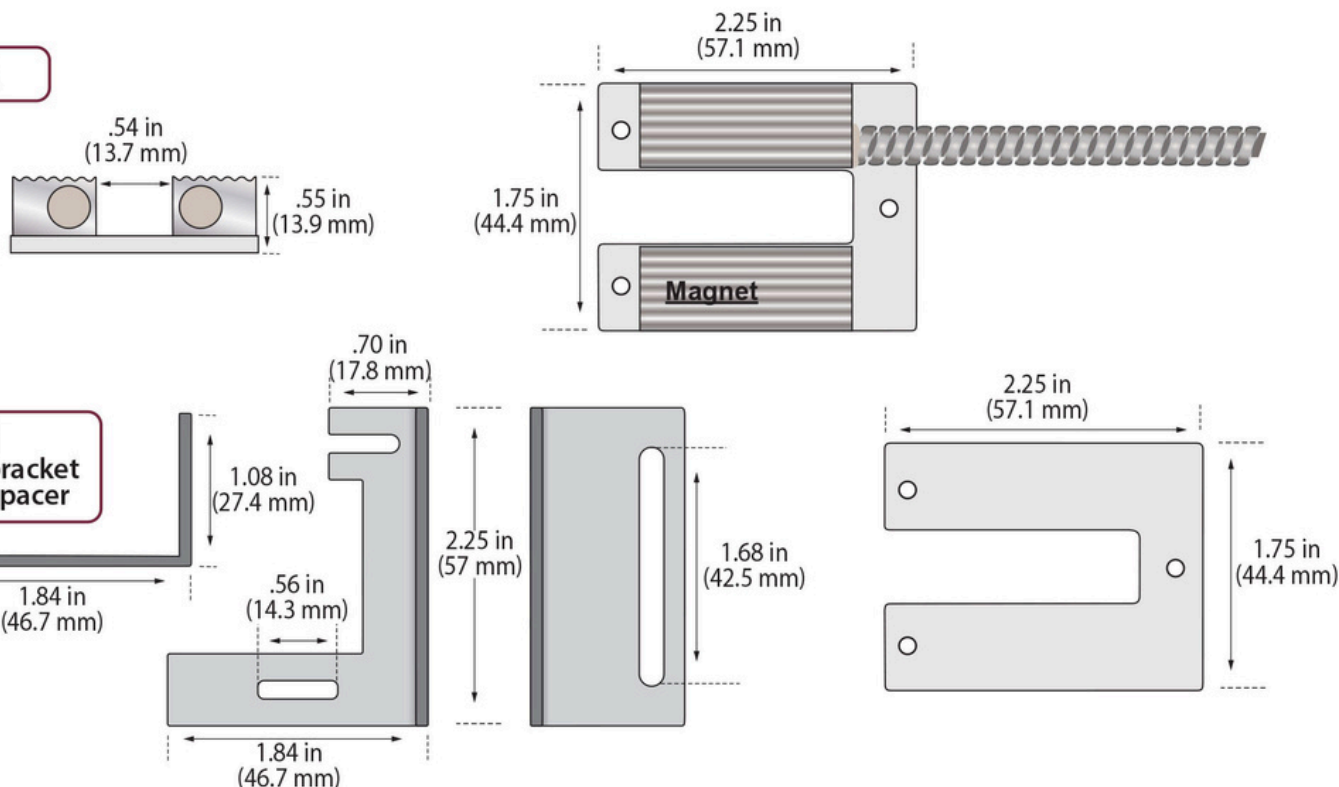
INSTALLATION APPLICATIONS

Now you can confirm the locking bolt position on a roll up or other overhead door. The GRI 4110 uses a simple magnetic blocking principal in this specialized security switch. Doors using a latching type flat bolt, which extends through a slot in the channel on the doors edge, can now both lock the door and verify to the alarm that the door is locked and in the closed position.

The GRI 4110 is to be installed on the slotted channel in such a way that when the door is locked, the bolt will pass between the uprights of the switch.

Important Note: Mounting screws are installed front inside of the track and will not interfere with the wheels.

4110A



GRI PRODUCTS MEET OR EXCEED THESE MINIMUM GENERAL SPECIFICATIONS:

Part Number	Loop Type	Electrical Configuration	Reed Form	Max. Initial Contact Resistance (Ω)	Max. Contact Rating (W)	Max. Switching Voltage (VDC)	Max. Switching Current (A)
4110	Closed	N/O	B	.140	5	175	.250
4110A	Closed	N/O	B	.140	5	175	.250
4112	Open/Closed	SPDT	C	.140	5	175	.250
4112A	Open/Closed	SPDT	C	.140	5	175	.250
4482	Open/Closed	SPDT	C	.140	5	175	.250
4482A	Open/Closed	SPDT	C	.140	5	175	.250

WARRANTY: Lifetime warranty against workmanship, material and factory defects.

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