

SENTROL, INC

2740 SERIES

Installation Instructions

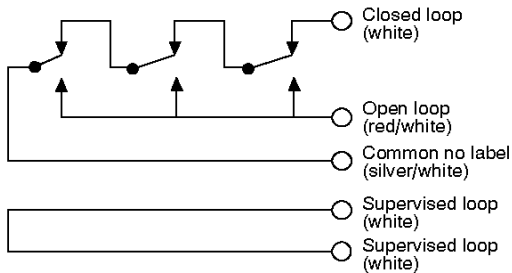
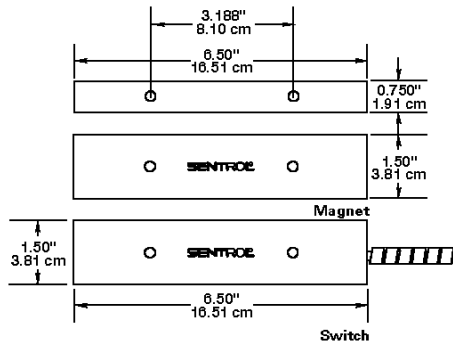
Model: 2747A

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

2747A

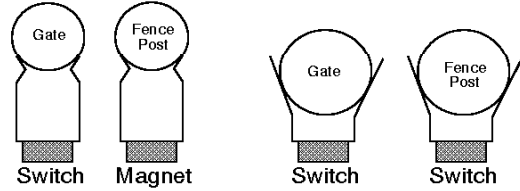
The Switch shall be comprised of three independent form-C biased reed contacts, wired in SPDT configuration, with Alnico and Arnox magnets, and conform to the specifications for Class IV Preadjusted Balanced Magnetic Contacts. A supervised loop shall be provided. Switch shall have an actuating gap distance (make) of 0.7" to 2.0" (1.78 cm to 5.08 cm). Switch shall be rated at 30 V max. @ 250 mA.

The switch and magnet housings shall be nominally 1.50" (3.81 cm) x 6.5" (16.51 cm) x 0.75" (1.91 cm) (W x L x H). The contacts and magnets shall be epoxied into their respective housings. Stainless steel flex-cable shall be epoxied into the switch housing. The switch and magnet housing shall be of brushed anodized aluminum. Two separate 14 ga. aluminum mounting brackets shall be available for swinging gate applications. Switch and magnet shall be specified as Sentrol part number 2747A.



INSTALLATION INSTRUCTIONS

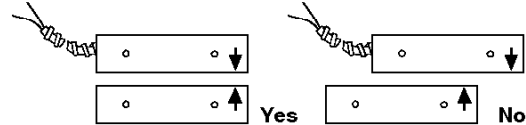
Two models of mounting brackets are available to attach switch and magnet to gate. The switch and magnet may be mounted either on the outside of the brackets, as shown below on Model 1963; or for increased security, on the inside of the bracket as shown on Model 1964.



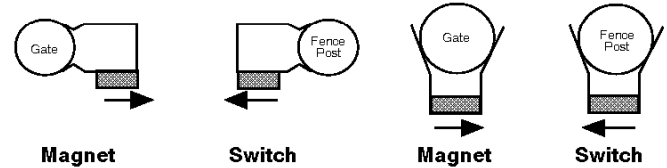
Model 1963 Bracket

Model 1964 Bracket

The switch and magnet are marked with arrows to ensure correct installation. Arrows must align squarely. Any notable misalignment is not possible in gate protection.



Suggested mounting methods are shown below. **Note that the gap distances must be no less than 0.7" or more than 2.0" to ensure correct operation.** The arrows shown below indicate direction of arrows on switch and magnet housings.



To install switch and magnet:

1. Attach the switch to its bracket and install it with appropriate fasteners firmly to the fence post, or to the fixed-gate post.
2. Lightly attach the magnet to its bracket, finger tight only. Loosely affix the magnet to the swinging gate post with double-sticky foam tape. (Brackets will bend if a better fit is required.)
3. Test for proper operation before permanent installation.

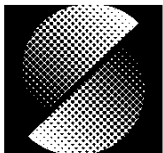
ORDERING INFORMATION

PART NUMBER	LOOP TYPE	ELECTRICAL CONFIGURATION	GAP DISTANCE (MAKE)*	LEAD TYPE
2747A	Open or Closed	SPDT	0.7" to 2.0"	3' stainless steel armored cable

Form C (2747A)
 Voltage: 30 V AC
 Current: .25 A Max.
 Power: 3.0 W Max.



*Gap distances are nominal make distance ±20%.



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