

2840T SERIES

Installation Instructions

Models: 2842TW, 2843TW, 2844TW, 2845T,
2846T, 2847T, 2847TH

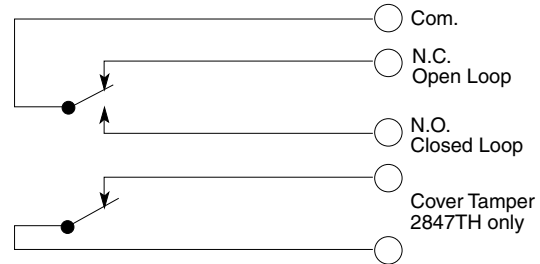
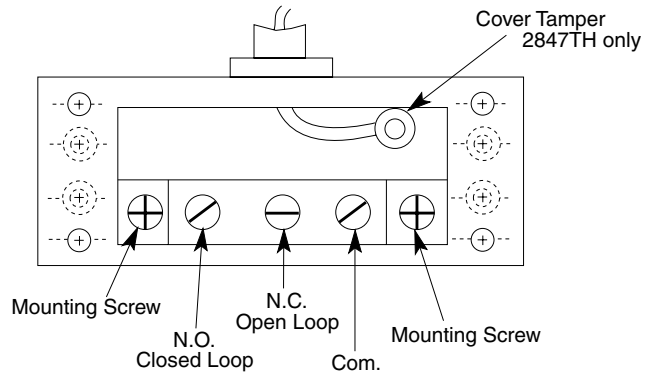
STEP 1: INSTALLATION

Models 2842TW, 2843TW, 2844TW, 2845T, 2846T, 2847T: (Cover Tamper Optional)

Select desired mounting positions for switch and magnet, observing gap distance. On wide gap switches (2842TW, 2843TW, 2844TW) align labels on switch and magnet so labels read in same direction (switches are polarity sensitive).

Model 2847TH: (Cover Tamper Standard)

Mount switch in desired location. Attach Ohmmeter to "Closed Loop" and "Common" terminals. Meter should read INFINITY with magnet away from switch. Bring magnet toward switch until meter reads 0 Ohms, mark this point. Align labels on switch and magnet so labels read in same direction (switch is polarity sensitive). Bring magnet toward switch until meter again reads INFINITY. Mark this point, and position the magnet between these two marks. With magnet positioned correctly, the switch shall have balanced operation and will be more difficult to defeat if an external magnet is used in such an attempt.



*Cover tamper wires may be connected in series with closed loop or they may be connected to a separate 24-hour loop.

NOTE: The products, materials, and specifications covered in these Installation Instructions are subject to change without notice as Sentrol strives for continuing product improvement.

PART NUMBER	LOOP TYPE	ELECTRICAL CONFIGURATION	LEAD TYPE	FINISH	GAP DISTANCE (MAKE)*
2842TW	Closed	N/O	#6 screw terminal	Textured Brown	Up to 2 1/2"
2843TW	Open	N/C	#6 screw terminal	Textured Brown	Up to 2 1/2"
2844TW	Open or Closed	SPDT	#6 screw terminal	Textured Brown	Up to 2 1/2"
2845T	Closed	N/O	#6 screw terminal	Textured Brown	Up to 1"
2846T	Open	N/C	#6 screw terminal	Textured Brown	Up to 1"
2847T	Open or Closed	SPDT	#6 screw terminal	Textured Brown	Up to 1"
2847TH	Open or Closed	SPDT	#6 screw terminal	Textured Brown	1/4" min., 1" max.

**** Form A:** (2842TW, 2845T)
Voltage: 100 V AC/DC max.
Current: 0.5 A max.
Power: 7.5 W max.

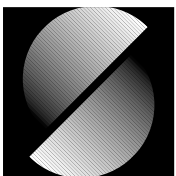
Form B: (2843TW, 2846T)
Voltage: 30 V AC/DC max.
Current: 0.25 A max.
Power: 3.0 W max.

Form C: (2844TW, 2847T, 2847TH)
Voltage: 30 V AC/DC max.
Current: 0.25 A max.
Power: 3.0 W max.

Cover Tamper: (2847TH)
At 24 V AC/DC 125 mA max.
At 6 to 12 V DC 250 mA max.

** European Union Specification: 48 V AC/DC Max., 0.5 Amp

* Gap Specifications are nominal and may vary $\pm 20\%$. Gap Specifications are for switch to make. Break distance is approximately 1.1 to 1.5 times make.



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