



**TS1000, TS4000, TS6000 Series  
Tamper Switch Kits**

**Installation/Operation Manual  
C498M-A (9/95)**

**1.0 WARNINGS**

Prior to installation and use of this product, the following WARNINGS should be observed.

1. Installation and servicing should only be done by Qualified Service Personnel and conform to all Local codes.
2. Only use replacement parts recommended by PELCO.

**2.0 SCOPE**

The information within this manual covers the installation of the TS1000, TS4000 and TS6000 Series Tamper Switch Kits.

Installation should be in accordance with all applicable local and national electric codes, utilizing approved materials only.

Please thoroughly familiarize yourself with the information in this manual prior to installation and operation.

### 3.0 DESCRIPTION

The TS Series tamper switch kits are designed for use in the HS Series of enclosures. The TS1000 is designed for use in the HS1000 Series, the TS6000 for use in the HS6000 Series, and the TS4000 is a generic switch kit for use in many of the high security enclosures as noted below).

The tamper switch can be used for both “Normally Open” or “Normally Closed” circuits, and features a “Pull-Out” plunger that makes disconnection, while servicing equipment, unnecessary. The plunger also features an adjustment screw.

### 3.1 MODELS

TS1000	Tamper switch kit for HS1000. Has N.O./N.C. contact with mount bracket.
TS4000	Tamper switch kit for HS1500, HS2000, HS3000, HS4000, HS4000TW Series, HS4100BF, HS4100BH, HS8000 and HS9000.
TS6000	Tamper switch kit for HS6000.

### 4.0 SPECIFICATIONS

#### MECHANICAL

Switch:	Plunger type with .20" travel 6-32 x 1/2" adjustment screw
Wire leads:	12", #22 gauge Black — Common White — Normally Open Red — Normally Closed 100 V, maximum switching voltage 25 amp, maximum switching current
Temp. range:	-66° to 212°F (18.9° to 100° C)
Impact:	Withstands 2-inch diameter steel ball from 30-inch drop
Shock:	50 G's at 11 milliseconds
Vibration:	35 G's at 54-2000 Hz
Bracket:	Galvanized steel .047" thick Double-sided tape for mounting

*(Specifications subject to change without notice.)*

## **5.0 INSTALLATION**

Many of the High Security Series enclosures come standard from the factory with a tamper switch(es) mounted on the secured access door.

Should additional switches be required, and for connection of those switches, please read the following sections.

## **5.1 MOUNTING THE UNIT**

To mount the tamper switch kit to an enclosure, perform the following steps:

1. Open the enclosure through the access door opposite of the desired “alarmed” opening.
2. Remove the protective covering on the double-sided tape.
3. Position the switch assembly on the fixed portion of the enclosure with the plunger engaged with the access door and depressed.
4. Firmly press the mounting bracket to insure full engagement of the double-sided tape.
5. Make any minor adjustments to the switch activation point with the adjustment screw on the plunger of the switch.

## **5.2 WIRING THE UNIT**

The tamper switch comes with both a “Normally Open” contact and a “Normally Closed” contact.

For a “Normally Open” circuit, use the black and white leads. For a “Normally Closed” circuit, use the black and red leads.

## 6.0 WARRANTY AND RETURN INFORMATION

### WARRANTY

Pelco will repair or replace, without charge, any merchandise proved defective in material or workmanship for a period of one year after the date of shipment.

Exceptions to this warranty are as noted below:

- Five years on FT/FR8000 Series fiber optic products.
- Three years on Genex® Series products (multiplexers, server, and keyboard).
- Three years on Camclosure® and fixed camera models, except the CC3701H-2, CC3701H-2X, CC3751H-2, CC3651H-2X, MC3651H-2, and MC3651H-2X camera models, which have a five-year warranty.
- Two years on standard motorized or fixed focal length lenses.
- Two years on Legacy®, CM6700/CM6800/CM9700 Series matrix, and DF5/DF8 Series fixed dome products.
- Two years on Spectra®, Esprit®, ExSite™, and PS20 scanners, including when used in continuous motion applications.
- Two years on Esprit® and WW5700 Series window wiper (excluding wiper blades).
- Eighteen months on DX Series digital video recorders, NVR300 Series network video recorders, and Endura™ Series distributed network-based video products.
- One year (except video heads) on video cassette recorders (VCRs). Video heads will be covered for a period of six months.
- Six months on all pan and tilts, scanners or preset lenses used in continuous motion applications (that is, preset scan, tour and auto scan modes).

Pelco will warrant all replacement parts and repairs for 90 days from the date of Pelco shipment. All goods requiring warranty repair shall be sent freight prepaid to Pelco, Clovis, California. Repairs made necessary by reason of misuse, alteration, normal wear, or accident are not covered under this warranty.

Pelco assumes no risk and shall be subject to no liability for damages or loss resulting from the specific use or application made of the Products. Pelco's liability for any claim, whether based on breach of contract, negligence, infringement of any rights of any party or product liability, relating to the Products shall not exceed the price paid by the Dealer to Pelco for such Products. In no event will Pelco be liable for any special, incidental or consequential damages (including loss of use, loss of profit and claims of third parties) however caused, whether by the negligence of Pelco or otherwise.

The above warranty provides the Dealer with specific legal rights. The Dealer may also have additional rights, which are subject to variation from state to state.

If a warranty repair is required, the Dealer must contact Pelco at (800) 289-9100 or (559) 292-1981 to obtain a Repair Authorization number (RA), and provide the following information:

1. Model and serial number
2. Date of shipment, P.O. number, Sales Order number, or Pelco invoice number
3. Details of the defect or problem If there is a dispute regarding the warranty of a product which does not fall under the warranty conditions stated above, please include a written explanation with the product when returned.

Method of return shipment shall be the same or equal to the method by which the item was received by Pelco.

### RETURNS

In order to expedite parts returned to the factory for repair or credit, please call the factory at (800) 289-9100 or (559) 292-1981 to obtain an authorization number (CA number if returned for credit, and RA number if returned for repair).

All merchandise returned for credit may be subject to a 20% restocking and refurbishing charge.

Goods returned for repair or credit should be clearly identified with the assigned CA or RA number and freight should be prepaid. Ship to the appropriate address below.

If you are located within the continental U.S., Alaska, Hawaii or Puerto Rico, send goods to:

Service Department  
Pelco  
3500 Pelco Way  
Clovis, CA 93612-5699

If you are located outside the continental U.S., Alaska, Hawaii or Puerto Rico and are instructed to return goods to the USA, you may do one of the following:

If the goods are to be sent by a COURIER SERVICE, send the goods to:

Pelco  
3500 Pelco Way  
Clovis, CA 93612-5699 USA

If the goods are to be sent by a FREIGHT FORWARDER, send the goods to:

Pelco c/o Expeditors  
473 Eccles Avenue  
South San Francisco, CA 94080 USA  
Phone: 650-737-1700  
Fax: 650-737-0933