



HKHS3000/HKHS3024

Heater Kits

Installation/Operation

Manual C499M

1.0 SCOPE

The information contained within this manual covers the HKHS3000 and HKHS3024 heater 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.

2.0 DESCRIPTION

The HKHS3000 (120 VAC) and HKHS3024 (24 VAC) are field installed heater kits for the HS3000 and HS3020 high security enclosures.

These heater kits provide 30 watts of heat and are thermostatically controlled ON at 40°F (4.44°C) and OFF at 60°F (15.56°C).

2.1 RECOMMENDED CABLE DISTANCES

The following are the recommended cable distances for heater operation when used with a transformer capable of delivering the power requirements. Cable distances are based on a 10% line loss.

	120 VAC (at 30 watts)	24 VAC (at 30 watts)
16 Awg	5,970 feet (1,820 m)	240 feet (73 m)
18 Awg	3,760 feet (1,146 m)	150 feet (46 m)
20 Awg	2,365 feet (721 m)	95 feet (29 m)

3.0 INSTALLATION

To install the HKHS3000 and HKHS3024, perform the following steps.

1. Remove the cover from the enclosure.
2. Attach the PC board/bracket assembly to the rear plate using two (2) 1/4-20 nuts and lock washers, attaching to the studs on the end plate (see Figures 1 and 3).
3. Install the heater pads onto the front of the body (end nearest window) by removing the backing and pressing in place onto the floor of enclosure (see Figure 3).
4. Wire per the wiring diagram in Figure 2.

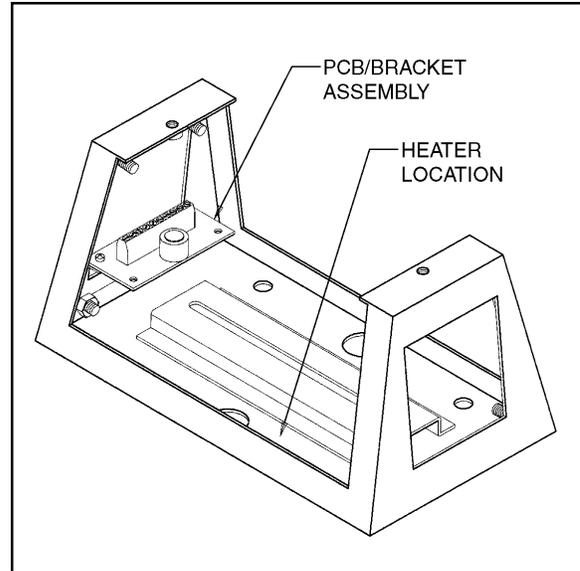


Figure 1. Heater Kit Installation

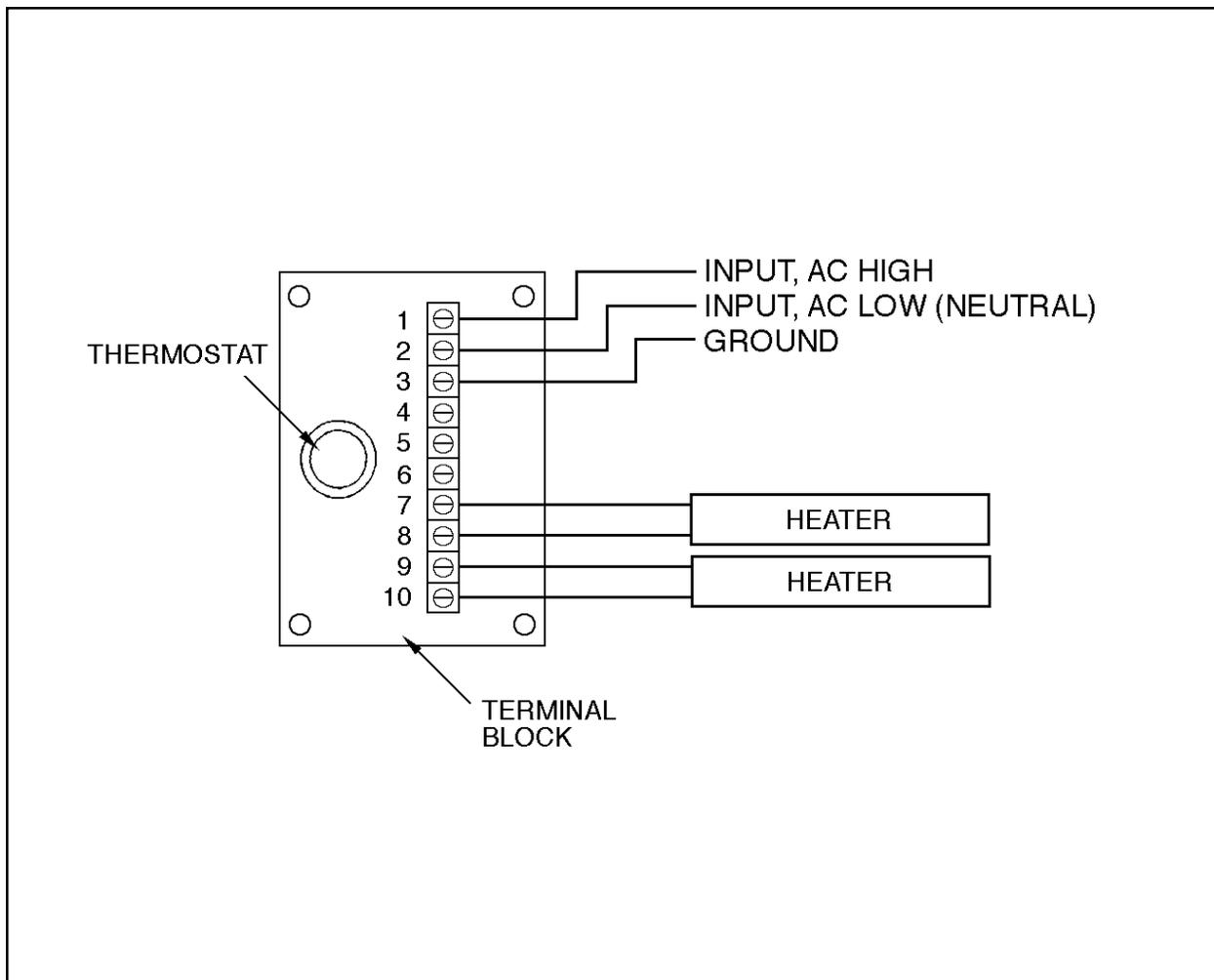


Figure 2. HKHS3000 and HKHS3024 Wiring Diagram

4.0 EXPLODED ASSEMBLY DIAGRAM

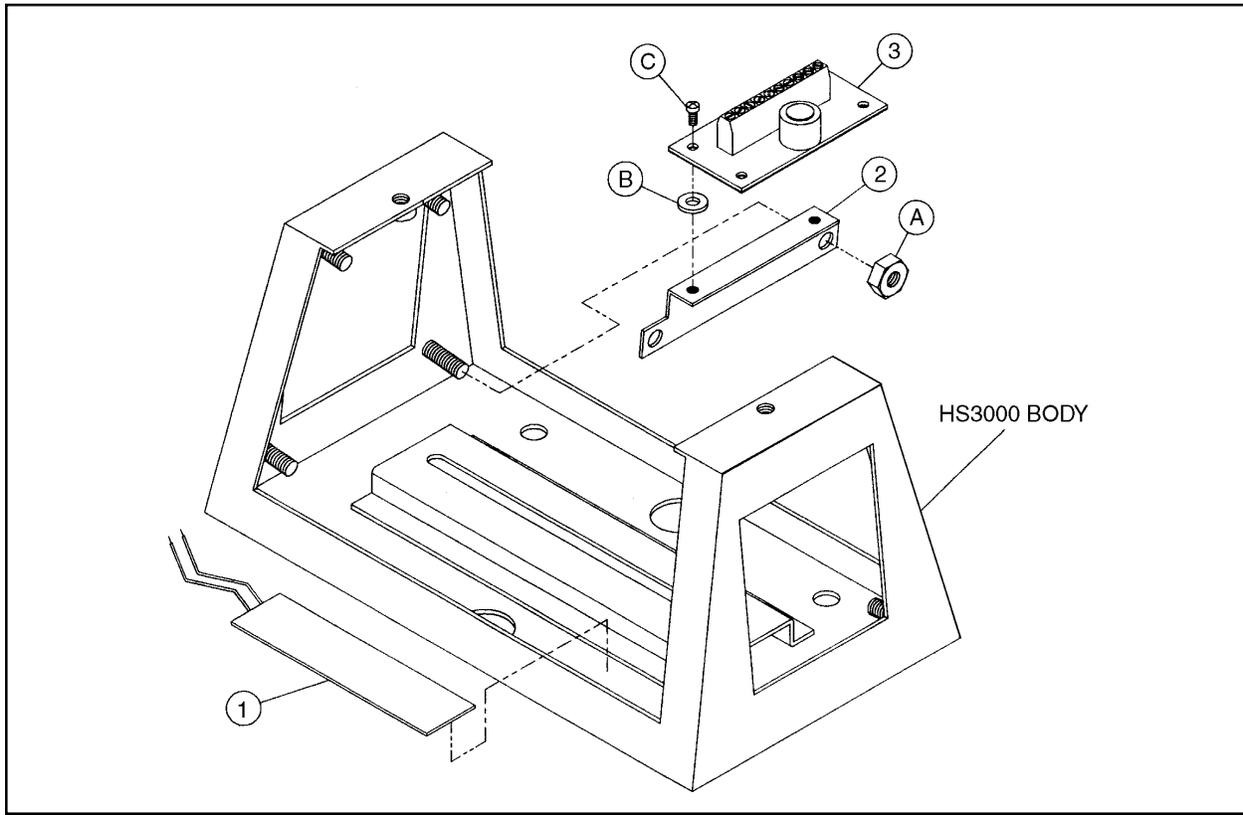


Figure 3. HKHS3000/HKHS3024 Exploded Assembly Diagram

5.0 MECHANICAL PARTS LIST

The following parts list corresponds to the items identified in Figure 3 above.

<u>Item Number</u>	<u>Quantity</u>	<u>Description</u>	<u>Part Number</u>
1	2	Heater blanket, 120 VAC, 15 watts (HKHS3000) Heater blanket, 24 VAC, 15 watts (HKHS3024)	HK300010115 HK300010024
2.	1	Bracket, PCB	HSK30004000COMP
3	1	PCB assembly, term/thermostat	PCB9000300ASSY
A	2	Nut, hex 1/40-20 XX	ZH1/4-20NUTCH
B	2	Washer, #5610-22-60, nylon	ZH200X437X62N
C	2	Screw, 4-40 x 3/8" pan Phillips, SS	ZH4-40X.375SPP

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 (1) year after the date of shipment. Exceptions to this warranty are as noted below:

- Six (6) months on all pan and tilts, scanners or preset lenses used in continuous motion applications (e.g., preset scan, tour and auto scan modes).
- Two (2) years on Legacy®, Intercept® and CM8500/CM9500/CM9750 Matrix products.
- Two (2) years on WW5700 series window wiper (excluding wiper blades).

Pelco will warranty all replacement parts and repairs for 90 days from the date of shipment. All goods for warranty work shall be sent freight prepaid to our Clovis, California facility. Repairs made necessary by reason of misuse, alteration, normal wear, or accident are not covered under this warranty. Pelco is not liable for any incidental or consequential expenses or liability incurred by the customer as a result of field repair, installation, or any other reason.

The above warranty is in lieu of any other expressed or implied warranty, condition, or guarantee by Pelco of the equipment listed herein. Pelco makes no warranties except for intended use and will not be liable for any loss, damage, or costs arising, whether consequential or incidental, from the use of said merchandise.

This warranty gives you specific legal rights. You may also have additional rights, which are subject to variation from state to state.

If a warranty repair is required, contact Pelco at (800) 289-9100 or (559) 292-1981 for 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.

Ship freight prepaid to: Pelco
300 West Pontiac Way
Clovis, CA 93612-5699

Method of return shipment shall be the same as method by which the repair item is 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). Goods returned for repair or credit should be clearly identified with the assigned CA/RA number and freight should be prepaid. All merchandise returned for credit may be subject to a 20% restocking and refurbishing charge.

Ship freight prepaid to: Pelco
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Clovis, CA 93612-5699



Pelco
300 West Pontiac Way, Clovis, CA 93612-5699
(559) 292-1981 • (800) 289-9100
FAX (800) 289-9150 or (559) 292-3827 •
DataFAX (800) 289-9108 or (559) 292-0435

International customers call 1-559-292-1981 or
FAX 1-559-348-1120

(Product specifications subject to change
without notice.)

C499M