

HEATING UNIT HU-2

for AX-100/200PLUS
AX-100/200ALPHA

Please read instructions completely before installation.

1. WARNING

1



24 V AC/DC

Do not exceed rating on power input.
Excess power may create a fire hazard.

2



After power is connected, care must be taken to avoid touching the unit.
Direct contact with HU-2 may cause severe burns or fire.

2. NOTICE

1

The HU-2 contains 2 heating units, one each for the Transmitter and Receiver.

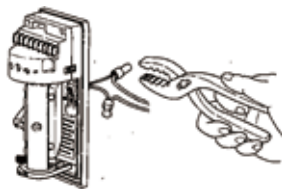
2

The HU-2 is designed for use in extremely cold conditions for heating inside of the photoelectric detector to eliminate condensation and frost.
Do not use for any other purpose.

3

The HU-2 heating units require relatively high current consumption. Do not use the same power source or wires used for the photoelectric detector.

3. WIRING



When connecting the lead wires to the wiring, make the connection using the supplied connector or soldering.

Insert the wires into the connector and tighten the connections with pliers.

When using two or more units on one wires, the maximum length is obtained by dividing the maximum wire length listed by the number of units used.

Wire size	Wiring distance
AWG 18 (0.83 mm ²)	500' (150 m)
AWG 16 (1.31 mm ²)	850' (250 m)
AWG 14 (2.09 mm ²)	1,300' (400 m)

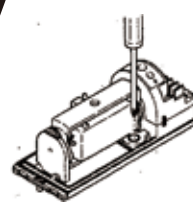
4. SPECIFICATIONS

Model	HU-2
Power input	24 V AC/DC
Current draw	420 mA (max.)
Thermo switch	140°F (60°C)
Accessories	Rubber bushing x2 Connector x2 Putty

Specifications and design are subject to change without prior notice.

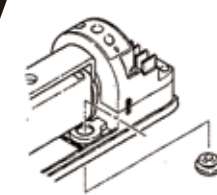
5. INSTALLATION METHOD

1



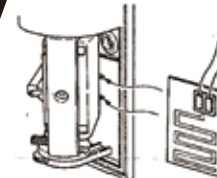
Press and remove the wiring knockout on the unit base of the photoelectric detector with screwdriver etc..

2



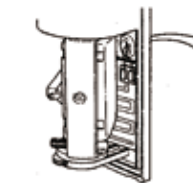
Attach the rubber bushing to the wiring knockout.

3



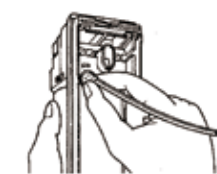
Peel off the sticker of the backside of the heating units and stick the heating unit on the unit base.

4



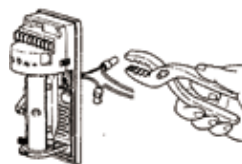
Pass the lead wires through the rubber bushing.

5



Fill the gap between rubber bushing and the lead wires with the putty to prevent insects or raindrops getting in.

6



Referring to "3. Wiring", please ensure the connection.



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