
PTD1610-SCW Installation Instructions

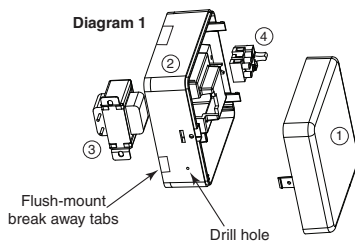
Only for use with DSC SCW9045 or DSC SCW9047 alarm systems.

The following are the contents of this box (see Diagram 1):

- ① 3mm plastic housing
- ② 3mm plastic housing cover
- ③ 230V to 16.5V/10VA transformer
- ④ Fuse block with fuse (mounted)

Also included:

- 230VAC warning sticker and marking label
- 4 mounting screws
- 1 screw (to secure cover plastic housing)



Transformer

The primary of the transformer (red wires) is rated at 230VAC 50Hz /60Hz 70mA. The secondary of the transformer (yellow wires) is rated at 16.5VAC 0.606A 10VA.

Fuse Block

The fuse block is used to connect the incoming AC to the primary of the transformer with a 125mA SB (Slow Blow), 250V fuse in between to protect the transformer.

Wiring

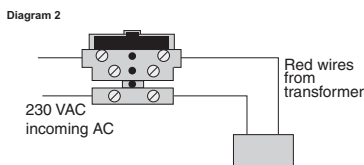
The wiring can be brought into the plastic cabinet in one of 3 ways:

- Through the wire access holes in the back of the plastic housing.
- For flush-mount wiring, break away one of the four tabs located along the outer edge of the plastic housing (see Diagram 1).
- Through drilled holes in the sides of the cabinet: On all sides of the bottom plastic housing (except one) there are dots in the plastic, which are used to indicate drill hole locations (see Diagram 1).

NOTE: The drill holes are marked to prevent accidental drilling into the transformer.

The primary of the transformer (red wires) are connected to one side of the fuse block. The incoming 230VAC is to be connected to the opposite side of the fuse block (see Diagram 2).

The secondary of the transformer (yellow wires) is to be connected to the AC terminals of the control panel with which the transformer is used.



Mounting

Using the four screws provided, mount the bottom plastic housing to the intended mounting surface, via its 4 foot-holes.

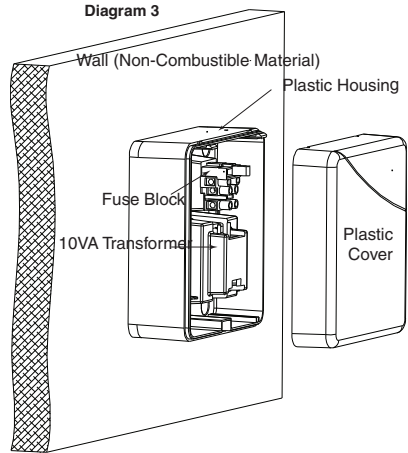
Snap the cover plastic housing onto the plastic housing and secure the connection using the screw provided.

NOTE: The equipment must be secured to the building before operation. It is designed to be mounted INDOOR, NON-HAZARDOUS LOCATIONS ONLY. The end user shall be instructed not to open the enclosure of the power supply as it presents the risk of an electrical shock hazard.

IMPORTANT

1. The connection to the mains supply must be made as per the local authorities' rules and regulations (in the UK, as per BS6701). A readily accessible disconnect device shall be incorporated external to the equipment that shall disconnect both poles simultaneously. to disconnect the supply for servicing.

2. If a knockout (tab) is removed during the installation, it is the installer's responsibility to ensure that the same degree of protection for the cabinet is provided by the use of bushings, fittings, etc.
3. The enclosure must be secured to the building structure before operation.
4. The equipment is intended to be installed by **SERVICE PERSONS ONLY** or equivalent (i.e., persons having appropriate technical training and the experience necessary to be aware of hazards to which they may be exposed to in performing that task and of the measures to minimize the risks to themselves and other persons.).
5. Internal wiring must be routed in a manner that prevents:
 - excessive strain on wire and on terminal connections;
 - loosening of terminal connections;
 - damage of conductor insulation.
6. The power supply must be **PERMANENTLY CONNECTED**.
7. The transformer box must be mounted vertically on a wall made from non-combustible materials only (see Diagram 3).
8. If the mains supply remains below 215Vac for an extended period of time the SCW9045/47 battery will not charge.



Limited Warranty

Digital Security Controls warrants that for a period of twelve months from the date of purchase, the product shall be free of defects in materials and workmanship under normal use and that in fulfilment of any breach of such warranty, Digital Security Controls shall, at its option, repair or replace the defective equipment upon return of the equipment to its factory. This warranty applies only to defects in parts and workmanship and not to damage incurred in shipping or handling, or damage due to causes beyond the control of Digital Security Controls such as lightning, excessive voltage, mechanical shock, water damage, or damage arising out of abuse, alteration or improper application of the equipment.

The foregoing warranty shall apply only to the original buyer, and is and shall be in lieu of any and all other warranties, whether expressed or implied and of all other obligations or liabilities on the part of Digital Security Controls. This warranty contains the entire warranty. Digital Security Controls neither assumes responsibility for, nor authorizes any other person purporting to act on its behalf to modify or to change this warranty, nor to assume for it any other warranty or liability concerning this product. In no event shall Digital Security Controls be liable for any direct or indirect or consequential damages, loss of anticipated profits, loss of time or any other losses incurred by the buyer in connection with the purchase, installation or operation or failure of this product.

WARNING: Digital Security Controls recommends that the entire system be completely tested on a regular basis. However, despite frequent testing, and due to, but not limited to, criminal tampering or electrical disruption, it is possible for this product to fail to perform as expected.



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