

MultiAmp DH250mA Door Holder Supply Installation guide

Item Number: 4510-1100 & 4510-1101

Description

The MultiAmp-DH 250mA Door Holder Supply (DHS) provides up to 250mA of current at 24 VDC to operate door holders.

Automatic Door Release System (ADRS): Conventional detectors are installed and connected directly to the Door Holder Supply.

Release / Reset: A manual release and/or Reset is initiated by depressing the "Release/Reset" button for at least 1 second.

Remote Trigger (Release / Reset): Doors can be released or the circuit "Reset" by the application of a local +VDC or and external +/- 12 to 24VDC supply input.**Installation:**

Observe anti-static precautions at all times

Surface Mount

Locate the back box over a flat surface, securing with at least two (2) screws, tightened evenly to prevent distortion.

Flush Mount

Locate the back box inside the wall cavity with the front edge level with the wall surface.

Conduit Entries

20mm conduit entries, side, rear, and top or bottom depending on back box used.

As shown below, observing polarity connect the;

1. Detector circuit to TB3 1 (-ve) & 2 (+ve) with EOL.

2. Door holder to TB3 3 (-ve) & 4 (+ve)
3. Remote trigger to TB2 in either a local +VDC or external 12 to 24VDC configuration as shown
4. With no voltage applied mains to TB1
5. Place the DHS over the back box, tighten securing screws and insert the two screw caps.

Testing

1. Press and hold the "Release" button for at least 1 second, the "Released" indicator should then be illuminated and the door released.
2. Create an alarm on the detector circuit, The "Released" indicator will be illuminate and the door released.
3. Remove the alarm condition and press "Reset" to revert normal operation.



Figure 1: Front Panel Layout

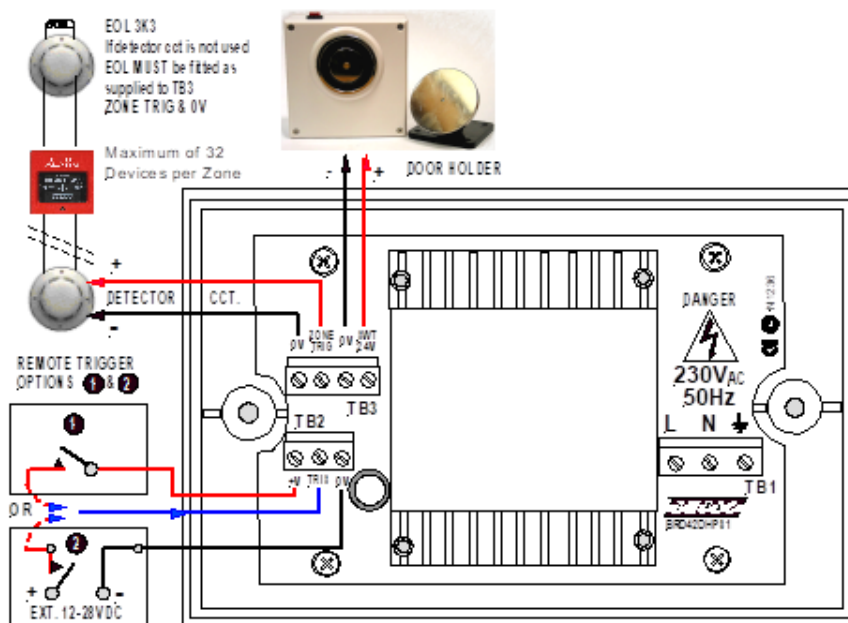


Figure 2: Rear View and Cabling Diagram