

Replacing LaserPLUS and LaserSCANNER termination cards

Important Note: Disconnect the detector power supply before commencing replacement of the termination card. Only reconnect the 24 VDC power supply once the replacement termination card is secured.

Follow the instructions below to replace the VLP or VLS termination cards.

1. Mark out the wire positions on each terminal socket before removing them.
2. Remove all terminal plugs (C) from sockets, leaving the wires attached to the plugs, refer to Figure 13 below.
3. Remove the 10 wire and 13 wire cable looms from their socket (B) in Figure 13 below.
4. Remove the five Phillips head screws (A) in Figure 13 below.
5. Remove the termination card.
6. Attach the Termination Card with five Phillips head screws (A).
7. Reattach the 10 wire and 13 wire cable looms to the sockets. (B) The connectors can only be inserted into the socket one way. Turn the connector around if

the connector does not fit into its socket.

8. Reconnect the terminal plugs to their sockets, ensuring the plugs are connected to their correct socket (C).

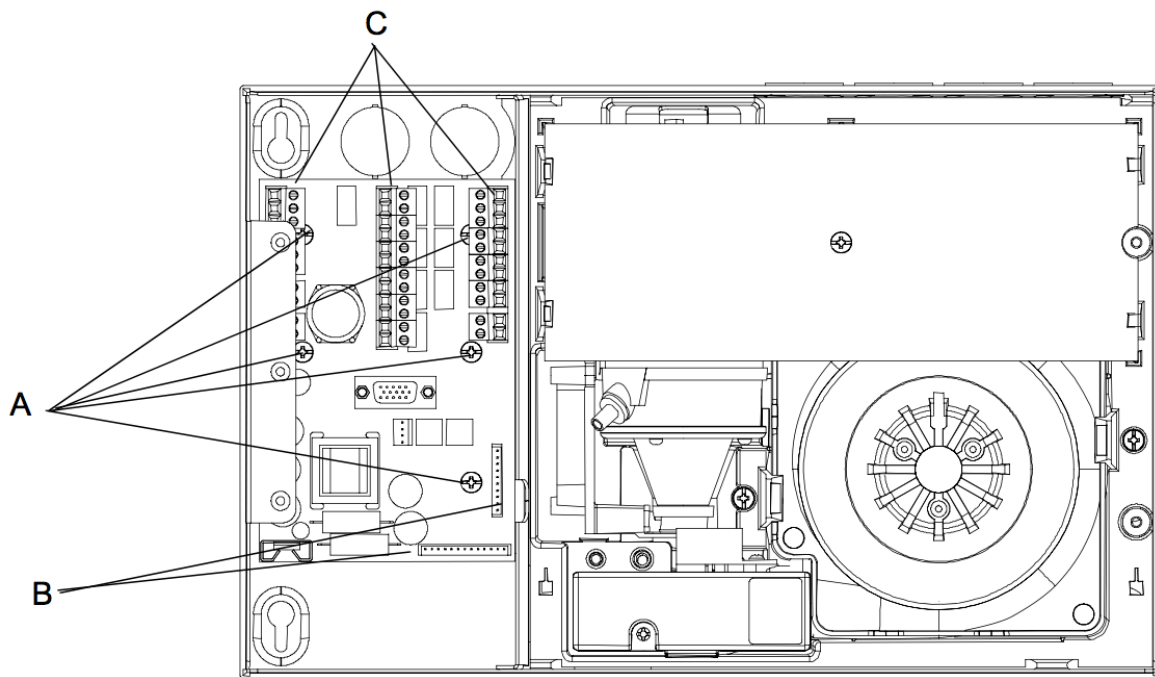


Figure 13: Replacing VLP/MLS head termination cards

VESDA[®]

Maintenance Guide

For more information visit the full Vesda Msintenance Guide found on our site –

<http://fslshop.placement.co.uk/>

7.9 Replacing the LaserCOMPACT termination card

Follow the instructions below to replace the VESDA LaserCOMPACT (VLC) detector termination card:

1. Remove the front cover of the detector (refer to Figure 2, *“Replacing the air filter cartridge in VLC detectors,”* on page 13).
2. Isolate and power down the detector before you begin.
3. Record all wiring connections to the termination card so that you can connect the replacement card properly.
4. Disconnect the wiring for power, communications and relays from the 45 deg screw terminals.
5. Remove the four screws securing the termination card.
6. Disconnect the 3-way aspirator cable loom from the connector on the termination card.
7. Disconnect the 5-way front panel LED cable from the termination card.
8. Gently pull the termination card away from the interface card (connected behind).
9. Secure the replacement termination card with the four screws.
10. Reconnect the 3-way aspirator cable loom to the connector on the termination card.
11. Reconnect the 5-way front panel LED cable to the termination card.

Note: Both the 3-way aspirator cable and the 5-way front panel LED cable are keyed so that they can only be connected in one orientation.

12. Reconnect the wiring for power, communications and relays to the 45 deg screw terminals.
13. Check that all wires are secured to their correct terminals.
14. Power up the detector and check that the aspirator is running.
15. Resolve all Fault conditions.
16. Close the detector.
17. Reset Isolate to normal conditions and check that the airflow % has returned to the level it was at before disassembly.