

Replacement PSU PCB & Cover (VCS-PSU-N)

These instructions cover how to install the replacement PSU PCB assembly and cover (VCS-PSU-N) in to a Vigilon Compact panel, either COMPACT-24 (non networkable) or COMPACT-24-N (networkable) panel or Nano panel (NANO-24). The package contains:



1 - Replacement PSU PCB assembly

1 - Replacement Cover
Not used on Nano panel

To replace the PSU in a Vigilon Compact panel



Isolate the mains power supply to the Vigilon Compact panel.

Removal

- Open the outer and inner doors of the panel.
- Disconnect the mains cable from the mains terminals ① at PSU PCB assembly and unplug the battery circuit cable from connector ②.
- Remove the two nuts and washers from the panel ③ (**keep for later use**) and lift out the cover ④ or ⑧.
- Disconnect the ribbon cable ⑤.
- Remove the two screws and washers that secure the PSU assembly ⑥ (**keep for later use**) and lift out the PSU PCB assembly ⑦ or ⑨ from the clinching standoffs.

Replacement

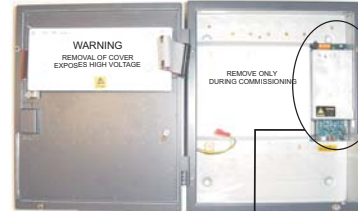
- Fit the **Replacement PSU PCB assembly** ⑨ on to the two self clinching standoffs.



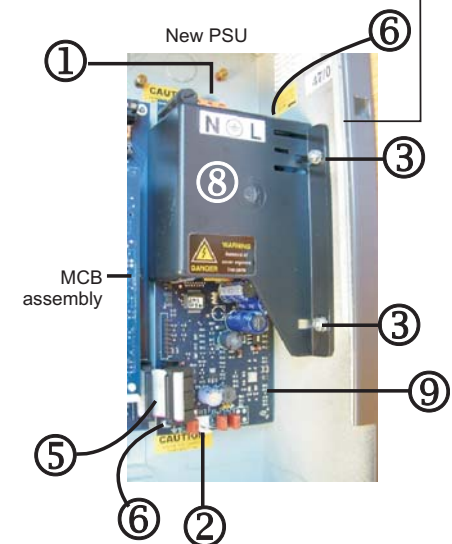
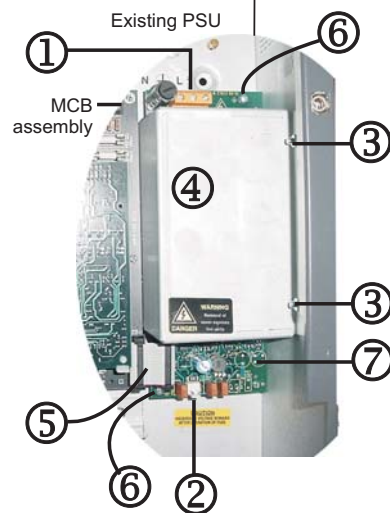
Ensure that the Replacement PSU PCB assembly is secured using screws and washers at the two fixing points ⑥.

- Reconnect the ribbon cable ⑤ between Replacement PSU PCB assembly and MCB assembly.
- Align the **Replacement cover** ⑧ with the two fixings on the panel side. Slide the cover down and secure it using the nuts and washers ③.
- Reconnect the mains cable to mains terminals ① on the Replacement PSU PCB assembly.
- Reconnect the battery circuit to connector ② on Replacement PSU PCB assembly.
- Close the inner and outer doors of the panel.

Vigilon Compact panel Back box



Inner door



To replace PSU in a Nano panel

First isolate the mains power supply to the Nano panel.

Removal

- Remove the 'Screw cover' plate, which is held in by magnets. Open the fixing screws ① and then open out the bottom ② of the 'Outer Cover' and lift it up and out ③.
- Disconnect the mains cable from the mains terminals ⑩ at PSU PCB assembly and then disconnect the battery supply.
- Disconnect the flat flexible cable from the Main Control Board at socket P3 by pulling up the stops ⑥ of the socket and by lifting out the cable ⑦. Remove the ferrite core from the cable.
- Remove the 'LCD Assembly' from the electronic module by flexing out the hinge tab ⑧ located on the top-right of the electronic module and carefully remove the 'LCD Assembly' from the electronic module.

- Disconnect the ribbon cable ⑬ and battery cable ⑫ from the PSU PCB.
- Remove the four screws and washer ⑪ that secure the PSU PCB and lift out the PSU PCB.

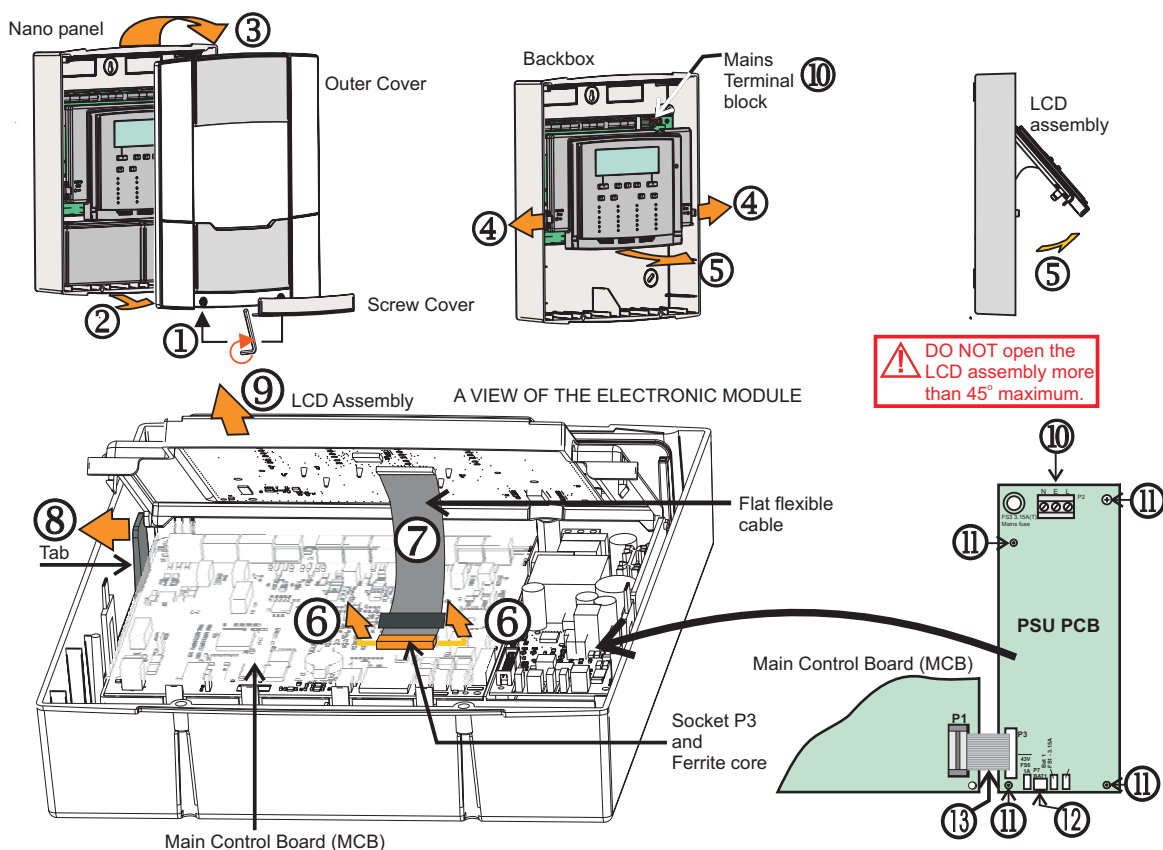
Replacement

- Fit the **Replacement PSU PCB assembly** and secure the board to the electronic module using ⑪ screws and washers.
- Reconnect the ribbon cable, battery connector and mains cable.
- Reassemble the 'LCD Assembly'.
- Fit the ferrite core to flexible cable and reconnect the flexible cable to the MCB.



Ensure the flexible cable is securely fitted with stops locked-in.

- Reconnect the battery supply.
- Refit the 'Outer Cover' and secure it to the backbox and then fit the 'Screw Cover' plate.
- Power up the panel by switching On the mains supply to the panel.



At the end of their useful life, the packaging, product and batteries should be disposed of via a suitable recycling centre and in accordance with national or local legislation.



WEEE Directive:
At the end of their useful life, the packaging, product and batteries should be disposed of via a suitable recycling centre. Do not dispose of with your normal household waste. Do not burn.

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