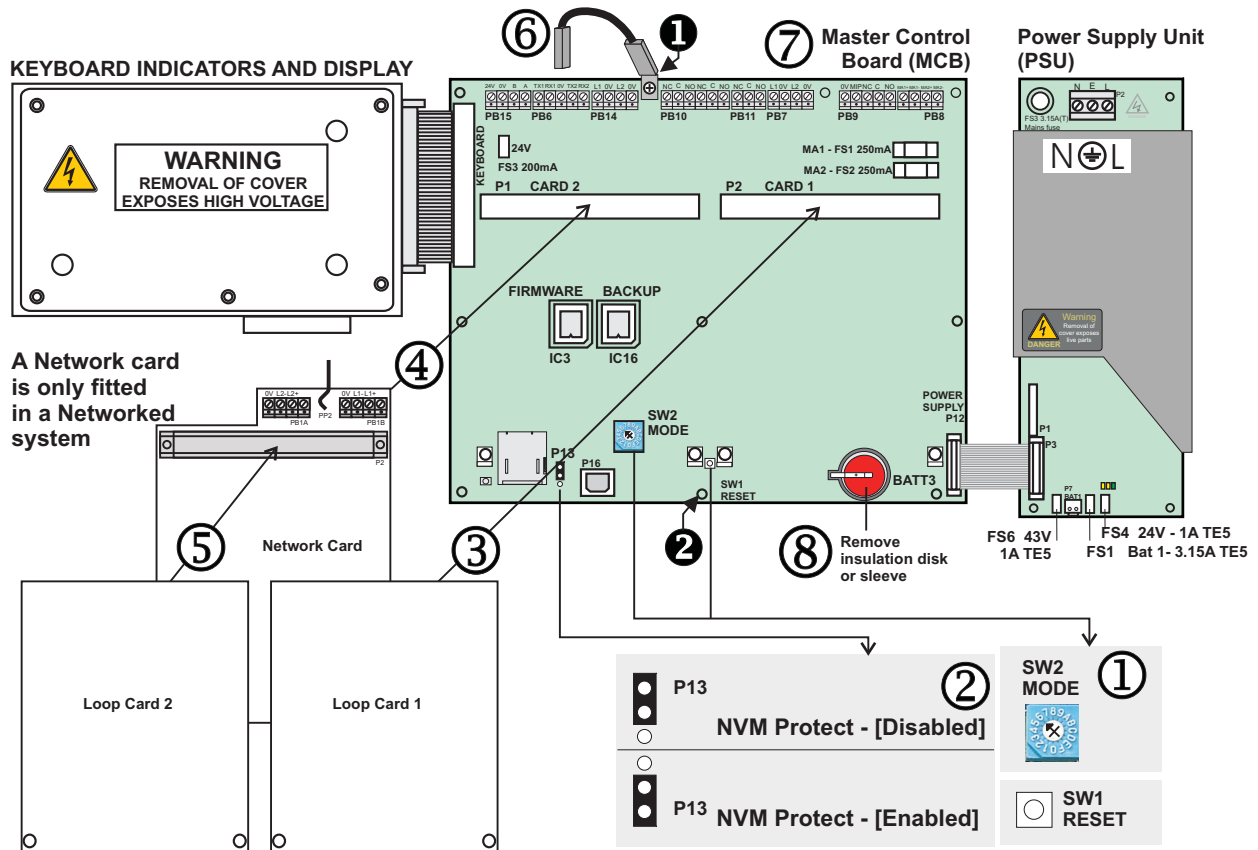


Installation Master Control Board (VCS-MCB-PLUS)

These instructions cover installation of a replacement Master Control Board (MCB) part number VCS-MCB-PLUS into an existing Vigilon Compact Plus panel.



How to replace a MCB card in a Vigilon Compact panel

Follow these steps:

- Save Configuration:** If the panel is functioning correctly, before powering down, ensure the system configuration is retrieved and is saved at the Commissioning tool.
- Power down:** Completely power down the panel by isolating the mains and batteries.
- Wiring:** Disconnect the two ribbon cables connected to the MCB. Disconnect the external wiring to the MCB by unplugging terminal blocks ⑦ on the MCB.
- Remove the cards:** Remove the Loop card(s) and then the Network card if fitted from the MCB. Then remove the MCB from the panel.
- Firmware number and Rotary switch:** Make a note of the firmware number on the chip in socket IC3 of the MCB being replaced. Using the following table determine the applicable switch setting required and set the rotary switch ① SW2 on the replacement MCB. For Vigilon Plus Repeat panel the switch is set to position 6.

Firmware in socket IC3 of MCB being replaced

2211-148	0
2211-146	1
2211-136	2
2211-127	3
2211-180	4
2211-192	6

① Applicable settings of switch SW2 on replacement MCB

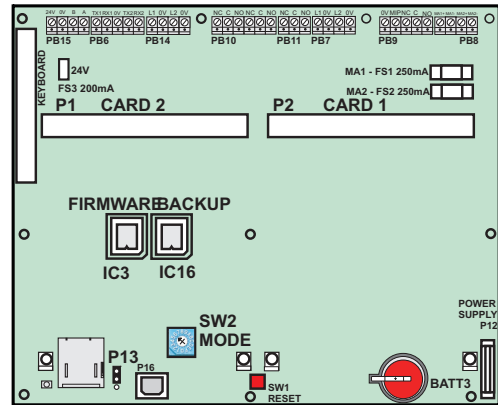
- Configuration chip:** Using a chip extractor extract the Back up 'Configuration' chip fitted in IC16 (NVM) of the MCB that was removed from the panel and then fit the chip into the replacement MCB.



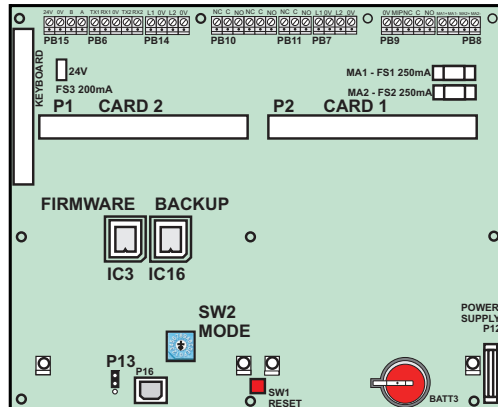
Where the Configuration chip is corrupt or is incompatible then DO NOT fit the chip into the replacement MCB. Instead transmit last saved system configuration from the commissioning tool to the replaced MCB. The transmission must take place after panel power up stage.

Types of MCBs

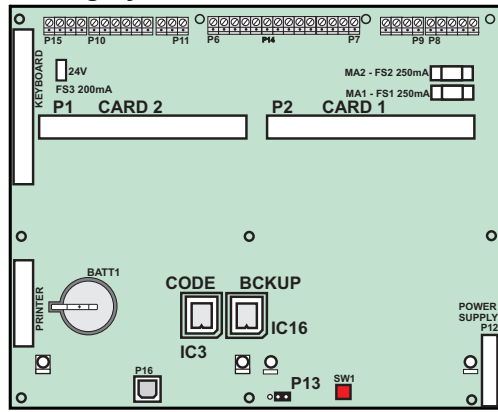
Networkable Post Q4 2016 for Vigilon Plus





Networkable Pre Q4 2016




OLD legacy - non networkable




 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.


- Re-fit cards and wiring:** Fit the replacement MCB into the panel and reconnect the ribbon cables and reconnect the previously removed external wiring. Fit the previously removed Network card if used and then re-fit the Loop cards.
The MCB can accommodate two Loop Cards. One Loop card ③ can be fitted into slot labelled CARD1 and the other Loop card into socket CARD2 ④ of the MCB or if used into the socket on Network Card ⑤.

 A Network Card ④ can ONLY be fitted in slot marked CARD 2 slot of MCB and in this scenario the second Loop card is fitted to the Network card.

 If a Network card is fitted then ensure a spade tab is fitted under the MCB PCB fixing screw ①. Also ensure the bottom MCB PCB fixing screw ② is securely fitted.

- Connect the earth lead to spade tabs** on the MCB and Network card ⑥.
- Lithium Battery:** The lithium battery ⑧ is disconnected on leaving the factory by means of an insulation sleeve or disk over the top battery connector. The insulation sleeve or disk must be removed before powering up the system.
- Power up:** Reconnect the mains and then battery supplies to power up the panel.
- Configure the NVM hardware link P13:** The NVM can be enabled or disabled by setting a hardware link ② on the MCB. When the NVM protect is hardware disabled then it is also possible to software enable or disable the NVM using a [Protect] menu option under the [Setup] menu at the panel.
Unprotect: Normally during commissioning the NVM is disabled (unprotected) and writing to NVM is allowed.
Protect: Once the configuration is backed up to the NVM, the protect hardware link must be set to enable position to disallow writing to the NVM.
- Transmit configuration:** If required transmit or restore the configuration to the panel.

Honeywell Gent reserves the right to revise this publication from time to time and make changes to the content hereof without obligation to notify any person of such revisions of changes.

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