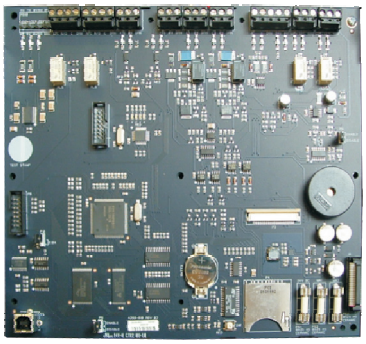
Installation

Replacement MCB

for Nano panel (NS-MCB)

GENT by Honeywell



Replacement MCB

Flat flexible cable

Ferrite core

The Replacement Main Control Board (MCB) (Part No: NS-MCB) is a spare replacement part for the Nano panel.

Before removal of the existing MCB assembly from the Nano panel, first isolate the mains power supply to the panel.

Removal

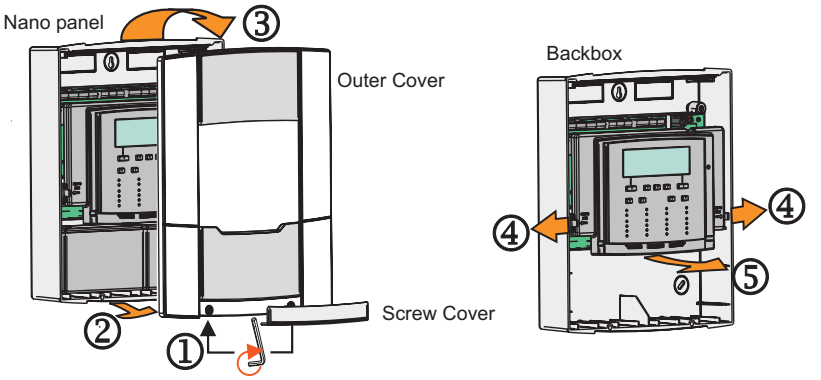
a. Remove the 'Screw cover' plate, which is held in by magnets. Open the fixing screws ① and then open out the bottom ② of the 'Outer Cover' and lift it up and out ③ and then open the 'HMI Assembly'.

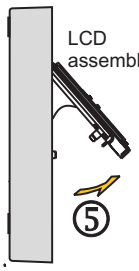
b. Disconnect the battery supply by removing a connection lead from a battery.

c. Disconnect the 'flat flexible cable' from the MCB socket P3:
- Pull out the locking tab⑥.
- Remove the cable ⑦ from the socket.
- Then remove the 'Ferrite core' from the cable.

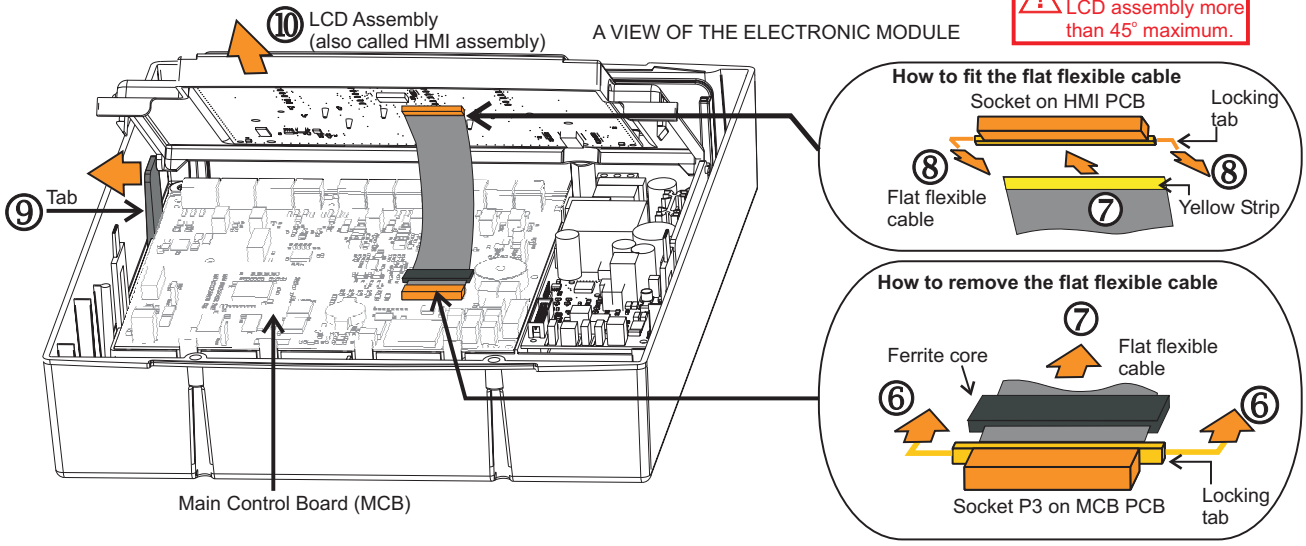
d. Similarly disconnect and remove the 'flat flexible cable' from the 'HMI assembly'.

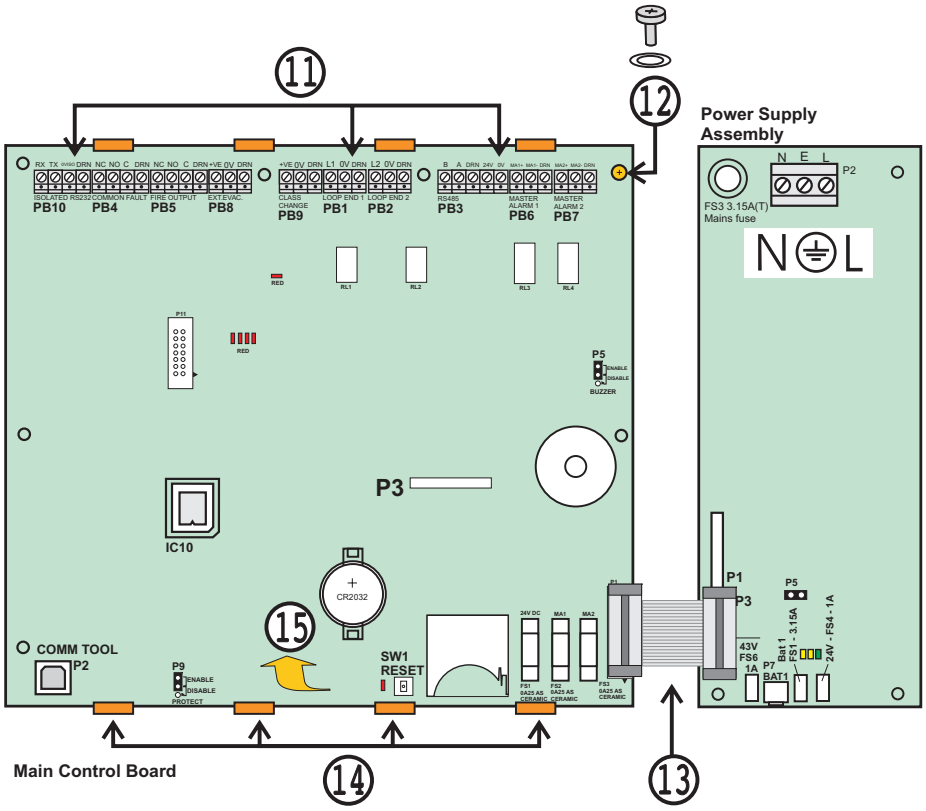
e. Flex out the hinge tab ⑨ located on the top-right of the 'electronic module' and disengage the 'HMI assembly' from the 'electronic module' and carefully remove the 'HMI assembly'⑩.





DO NOT open the LCD assembly more than 45° maximum.





f. Remove the wired terminal blocks from the MCB ⑪.

g. Remove the earth screw and washer ⑫ that also secures the MCB to the electronic module.

h. Disconnect the ribbon cable ⑬ fitted between the MCB and PSU.

i. Open out the securing clips ⑭, one at a time starting from the left hand side and by lift out the MCB from the bottom left edge. Then remove the MCB ⑮ from the 'electronic module'.

Fitting the Replacement MCB

a. Fit the new 'replacement MCB' into the 'electronic module' and ensure the board is locked in by the fixing clips ⑭ .

b. Fix the MCB to the electronic module using the screw and washer ⑫. Ensure the screw is securely fitted for earth continuity.

c. Fit the ribbon cable ⑬ between the 'replacement MCB' and 'PSU'.

d. Hold the 'HMI assembly' at a 45° angle and guide it into the right pivot point and then the left pivot point on the 'electronic module', you will need to flex out the hinge tab ⑨.

e. Connect the new 'flat flexible cable' into the socket located on the 'HMI PCB':
- Ensure the 'locking tab' ⑧ is pulled out before inserting the flat cable ⑦ into the socket. Also ensure the yellow strip on the cable is visible, see illustration.
- Lock the cable by compressing the 'locking tab' into the socket.

f. Insert the new 'Ferrite core' on to the free end of the 'flat flexible cable'. Open the 'locking tab' ⑥ on socket P3 of the 'MCB'. Insert the free end of the 'flat flexible cable' into the socket P3 and then lock the cable by compressing the 'locking tab' into the socket.

g. Reconnect the battery supply.

h. Refit the 'Outer Cover' and secure it to the backbox and then fit the 'Screw Cover' plate.

i. Switch 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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