

**Instructions: MCD Control Panel LCP 501**

Order Code: 175G0096

## 1. Description

The MCD 500 LCP can be mounted up to 3 metres away from the soft starter, allowing remote control and monitoring. The LCP is rated IP65 when mounted correctly in accordance with these instructions.

## 2. Packing List

1 x LCP	4 x M3 x 16 Screw
1 x Cable, DB9, 3 metres	4 x M3 Flat washer
1 x Gasket, foam	4 x M3 Spring washer
1 x Instruction sheet	4 x M3 Nut
	2 x Jack screw

## 3. Specifications

Maximum cable length	3 metres
Protection	IP65 and NEMA12

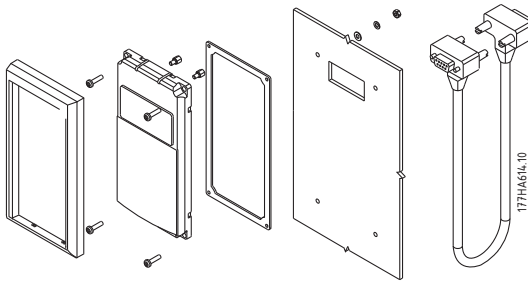
## 4. Mounting the LCP



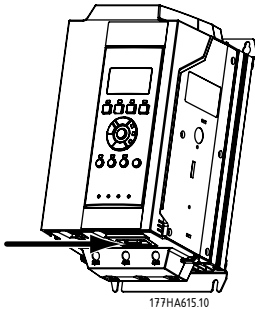
Models MCD5-0021 to MCD5-0105: The LCP can be removed or replaced while the starter is running. It is not necessary to remove mains or control voltage.

Models MCD5-0131 to MCD5-1600: The bus bar and/or heatsink are live whenever mains voltage is connected. Remove mains and control voltage from the soft starter before removing the cover.

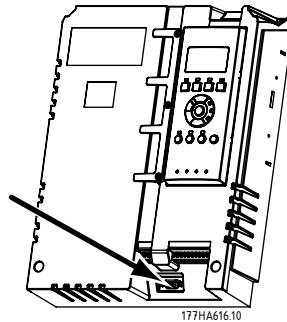
1. Use the template to drill four mounting holes and two holes for the DB9 connector.
2. Apply the foam gasket to the back of the LCP.
3. Align the LCP over the holes and screw in place.



4. Plug the cable into the LCP and the soft starter.



MCD5-0021 to MCD5-0105



MCD5-0131 to MCD5-1600

## 5. Synchronising the LCP and the Starter

The DB9 cable can be connected/disconnected from the LCP while the starter is running.

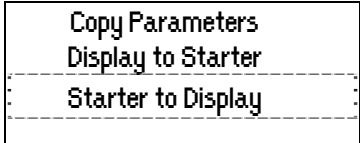
The first time a LCP is plugged into a starter, the starter will copy its parameter settings to the LCP.



New Display Detected

If the LCP has previously been used with a MCD 500, the operator can select whether to copy the parameters to the starter, or to copy the MCD 500's parameter settings into the LCP.

Select the required option using the ▲ and ▼ buttons. The selected option is surrounded by a dotted line. Press **OK** to proceed with the selection.



Copy Parameters  
Display to Starter  
Starter to Display  
Copy Parameters



If the parameter software version in the LCP is different from the software version of the starter, only **Starter to Display** will be available.



While the LCP is synchronising, only the ▲ ▼ **OK** and **OFF** buttons are enabled.

## 6. Mounting template

Drill four mounting holes for screws (one in each corner) and two holes for the DB9 connector.

