

# Installation Instructions

## LCP

### Items Supplied

- Local control panel (LCP)

### Installation for VLT<sup>®</sup> DriveMotor FCP 106 and FCM 106

The LCP cannot be installed directly into the frequency converter. Remote mounting is required. Install using the LCP remote mounting kit (order no. 134B0557), following the instructions supplied with the kit.

### Installation for VLT<sup>®</sup> HVAC Basic Drive FC 101

For important information about safety precautions for installation, refer to *VLT<sup>®</sup> HVAC Basic Drive FC 101 Quick Guide*.

## **⚠ WARNING**

### DISCHARGE TIME

The frequency converter contains DC-link capacitors, which can remain charged even when the frequency converter is not powered. Failure to wait the specified time after power has been removed before performing service or repair work, could result in death or serious injury.

1. Stop motor.
2. Disconnect AC mains, permanent magnet type motors, and remote DC-link power supplies, including battery back-ups, UPS, and DC-link connections to other frequency converters.
3. Wait for the capacitors to discharge fully, before performing any service or repair work. The duration of waiting time is specified in *Table 1.1*.

Voltage [V]	Power range [kW]	Minimum waiting time [min]
3x200	0.25–3.7	4
3x200	5.5–11	15
3x400	0.37–7.5	4
3x400	11–90	15
3x600	2.2–7.5	4
3x600	11–90	15

Table 1.1 VLT<sup>®</sup> HVAC Basic Drive FC 101 Discharge Time

1. Position the bottom of the LCP in the frequency converter, as shown in *Illustration 1.1*.
2. Push the top of the LCP into place, as shown in *Illustration 1.2*.

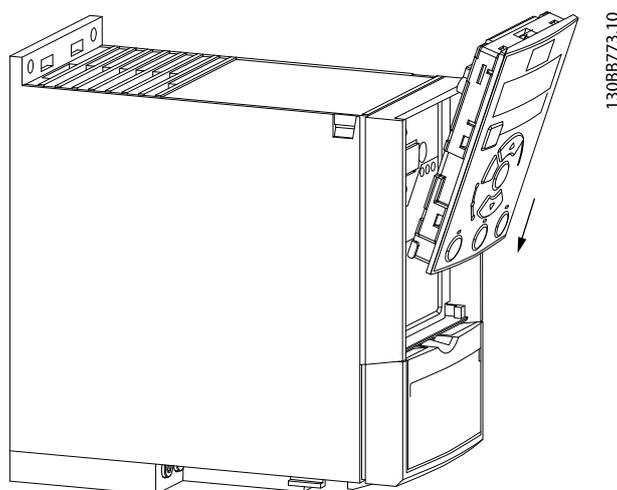


Illustration 1.1 Position the LCP in the Frequency Converter

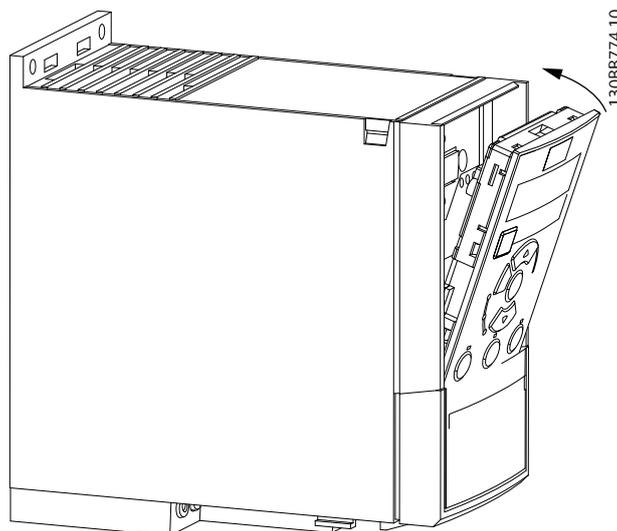


Illustration 1.2 Push the Top of the LCP Into Place

Danfoss can accept no responsibility for possible errors in catalogues, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without subsequential changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and the Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.

