

1. Description

The keypad can be mounted up to 3 metres away from the soft starter, allowing remote control and monitoring.

The keypad is rated IP65 when mounted correctly using the Remote Mounting Kit.



WARNING

Models \leq 105 A: The keypad can be removed or replaced while the starter is running. It is not necessary to remove mains or control voltage.

Models $>$ 105 A: The busbar and/or heatsink are live whenever mains voltage is connected. Remove mains and control voltage from the soft starter before removing the cover.

2. Packing List

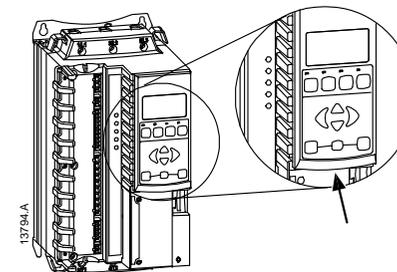
1 x Cable, DB9, 3 metre	4 x M3 x 16 Screw
1 x Gasket, foam	4 x M3 Flat washer
2 x Jack screw	4 x M3 Spring washer
1 x Instruction sheet	4 x M3 Nut

3. Removing the Keypad

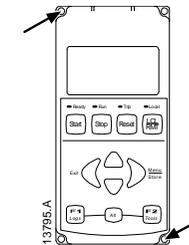
When purchased with the starter, the keypad is attached to the body of the starter by a DB9 serial connector and two screws. The screws are concealed behind a snap-on faceplate.

To remove the keypad from the soft starter:

1. Insert a small screwdriver at the base of the keypad and lever the faceplate off.
2. Remove the two screws holding the keypad in place.
3. Lift the keypad gently off the soft starter. Pull the keypad forwards, to avoid damaging the DB9 connector.



Lever the faceplate off the starter

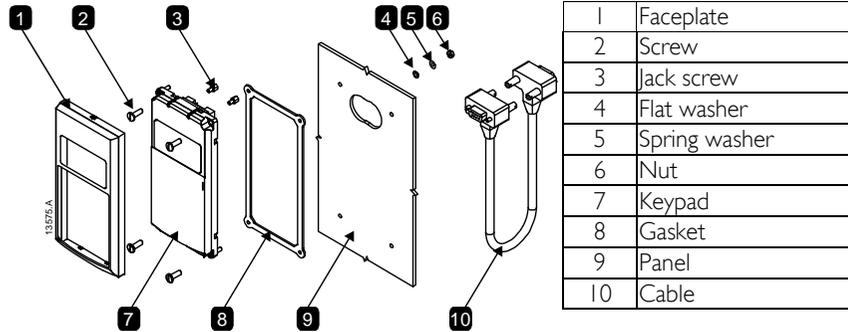


Remove the retaining screws



4. Mounting the Keypad

1. Measure and drill four mounting holes and two holes for the DB9 connector (refer to *Mounting Diagram* on the back page).
2. Apply the foam gasket to the back of the keypad.
3. Align the keypad over the holes and screw in place. Tighten the screws so that the foam gasket is compressed to half its original thickness.
NOTE: If the screws are too loose, the gasket will not provide IP65 protection. Overtightening the screws can damage the keypad, gasket or panel.
4. Plug the cable into the keypad and the soft starter.
5. Press the faceplate onto the front of the keypad.



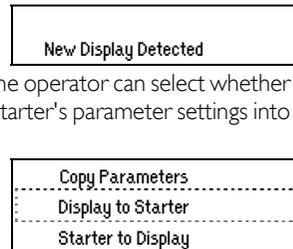
5. Synchronising the Keypad and the Starter

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

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

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

Select the required option using the ▲ and ▼ buttons. Press **STORE** to proceed with the selection.



NOTE

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

If any of the settings in the keypad are not valid for the starter, the keypad will prompt to use the default values.



NOTE

While the keypad is synchronising, only the ▲ ▼ **STORE** and **EXIT** buttons are enabled.

6. Mounting Diagram

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



NOTE

Image is not to scale.

