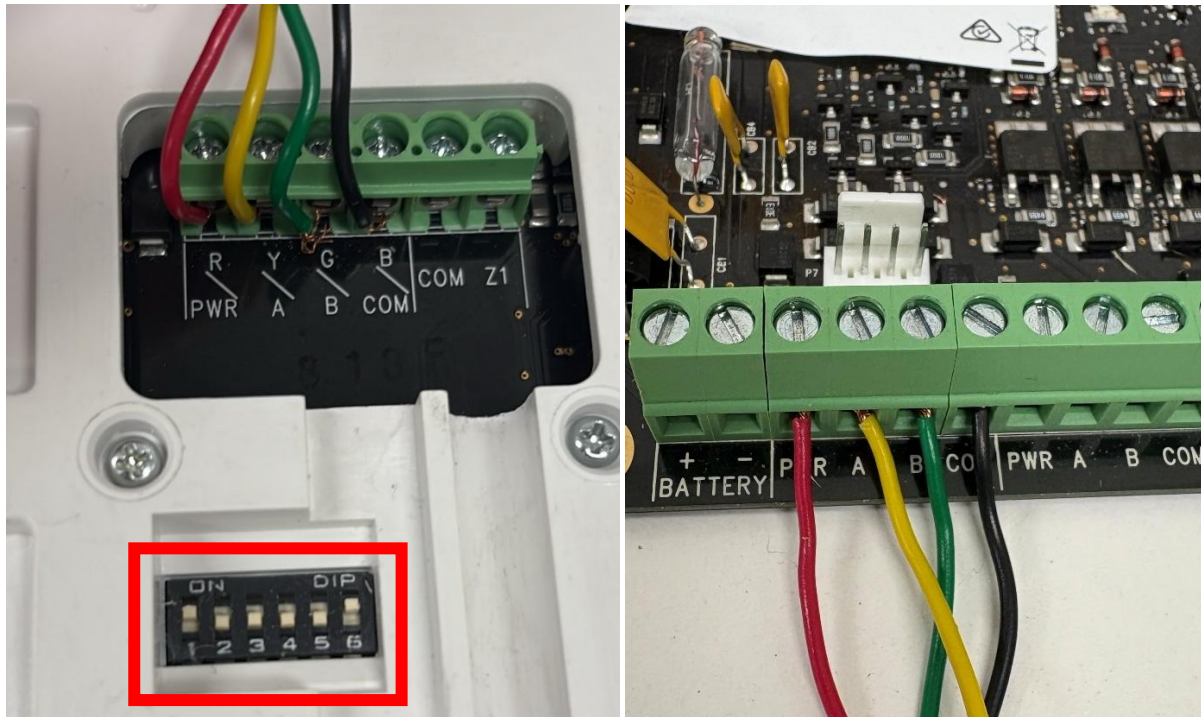# How to add codepads to the control panel

Up to 4 codepads can be added to the same Bosch 2000/3000/4000 control panel, with a maximum of 1 of them being a touch screen pad (IUI-SOL-TS5 or IUI-SOL-TS7). This guide covers how to add the first codepad, and how to add additional codepads.

Adding the first codepad:

Disconnect the MAINS AC power supply and backup battery.

Connect the PWR, A, B and COM terminals from the codepad to the same terminals on the control panel's SDI2 bus.

Ensure that the dipswitches are set to Address Setting 1 (refer to the table below).
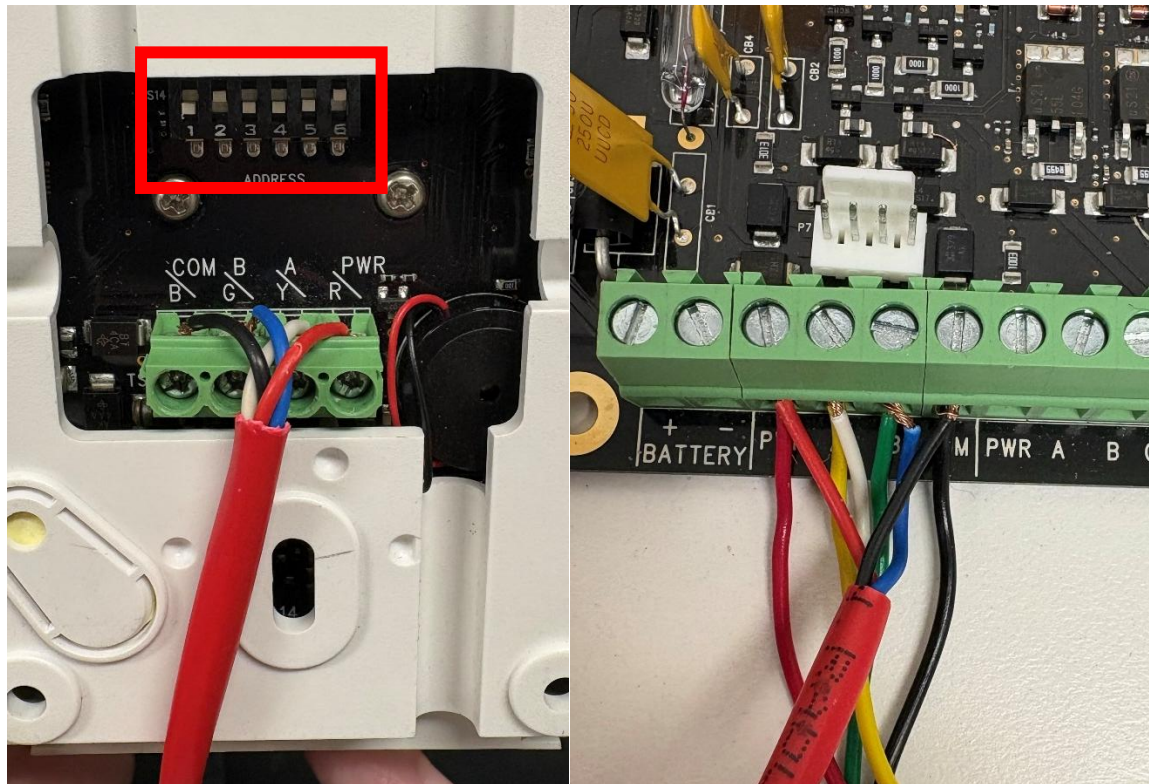

Connect the MAINS AC power supply and backup battery. The codepad should now be functional.

Adding additional codepads:

Disconnect the MAINS AC power supply and backup battery.

Connect the PWR, A, B and COM terminals from the codepad to the same terminals on the control panel's SDI2 bus. This same SDI2 terminals can be used from the first codepad if desired via a star connection.

Ensure that the dipswitches are set to Address Setting 2,3 or 4 (refer to the table below).

Connect the MAINS AC power supply and backup battery.

Using the first codepad, the new codepad must be assigned an area.

If first codepad is IUI-SOL-TEXT:

Enter the Installer code (default is 1234) then # to enter the installer menu.

Press 5 (*Area*), then 1 (*Codepad Area*).

Select the address of the new codepad (eg. "Codepad 2").

Assign an area for the new codepad – either Area 1, Area 2, or Areas 1&2.

When leaving the installer menu, make sure to press # to *Confirm to Save Parameter Changes*.

The new codepad should now be functional.

If first codepad is IUI-SOL-ICON:

Enter the Installer code (default is 1234) then # to enter the installer menu. The STAY and AWAY icons will flash to indicate Installer mode.

Enter 0519# to enter codepad 2's area assignment (0520# for codepad 3 and 0521# for codepad 4).

Enter 1 then * (STAY) to assign the new codepad to area1. Enter 2 then * (STAY) for area 2. Enter 3 then * (STAY) for areas 1&2.

Enter 960# to save changes and reset the system.

The new codepad should now be functional.

Codepad address setting via dipswitches:

Codepad Address	Dipswitch number					
	1	2	3	4	5	6
1	**On**	Off	Off	Off	Off	**On**
2	Off	**On**	Off	Off	Off	**On**
3	**On**	**On**	Off	Off	Off	**On**
4	Off	Off	**On**	Off	Off	**On**

E.g. the first codepad should have dipswitches 1 and 6 on, the second codepad should have dipswitches 2 and 6 on, etc.