

OkkieNext 4x4

The **OkkieNext 4x4** is a current detection module with 16 inputs for 16 track sections and 16 outputs for connection with a detection encoder like the Arcomora **LocoNext** module. The inputs and outputs are electrically separated by opto couplers.

The **OkkieNext 4x4** has 4 groups with each 4 inputs and a 1 common input. In that way you have 4 independant groups for current detection.

By placing jumpers the groups can be combined to form groups of 4, 8, 12 or 16 inputs.

With jumper 1, groups A and B are connected to form 3 groups of 4, 4 and 8 inputs.

With jumper 2, groups B and C are connected to form 3 groups of 8, 4 and 4 inputs.

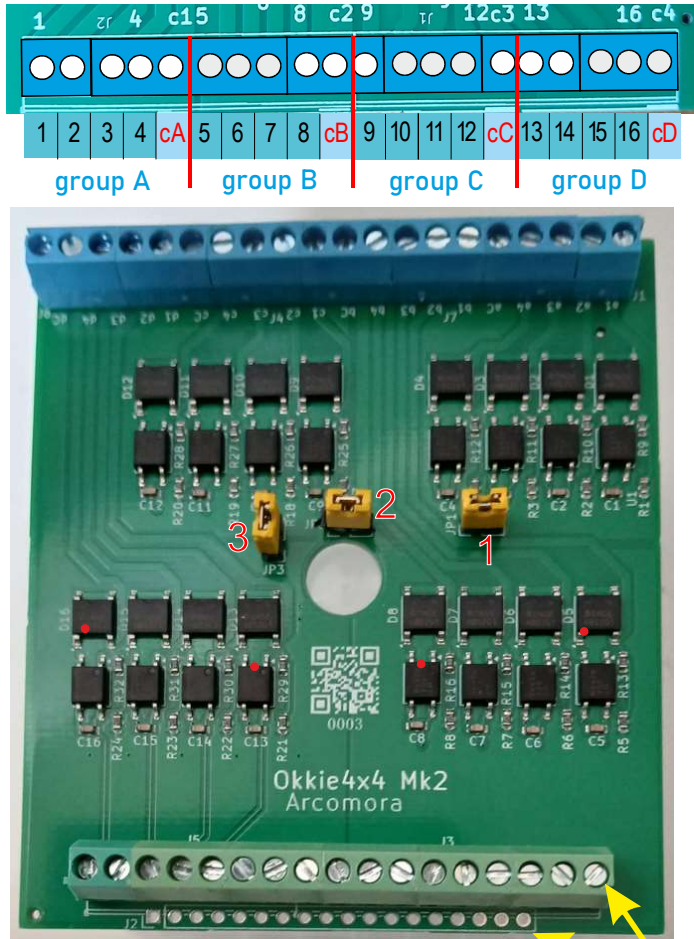
With jumper 3, groups C and D are connected to form 3 groups of 4, 8 and 4 inputs.

When combining groups, you only need one connection to one of the Common inputs.

Of course, you can also connect the Common lines outside the board without placing jumpers.

Assembling the OkkieNext4x4

- 1) Shift all blue screw terminals into each other and place as indicated.
- 2) Shift all green screw terminals into each other and place as indicated.
Or
use a strip of 18 Dupont pins for use with the coupling print (included in coupling module)
- 3) Place 3 2-pins Dupont pins at the indicated jumper positions.
- 4) Place the yellow jumpers on the Dupont pins as required.



16 outputs to LocoNext
All screwterminals or 18 Dupont pins

Basic connection

