

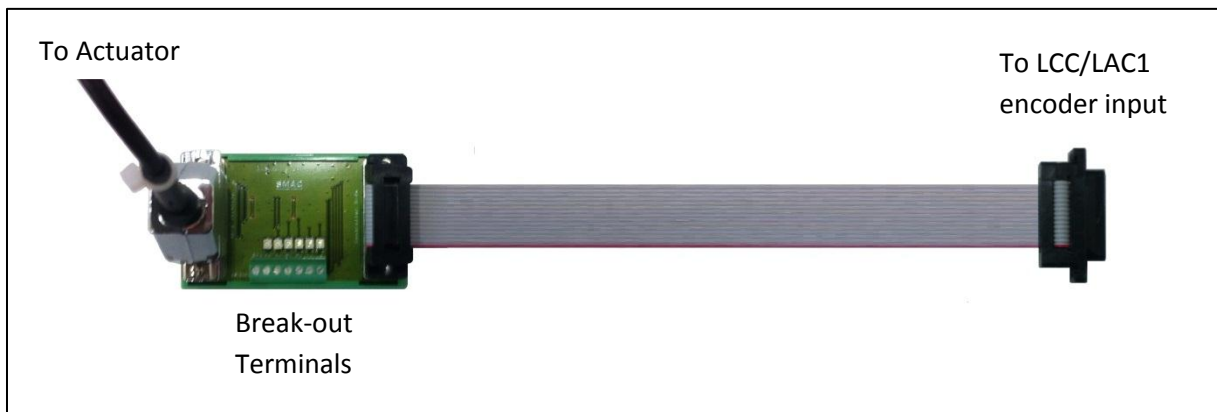
Encoder Break-out Board

Encoder Break-out Board parts

The Encoder Break-out Board contains:

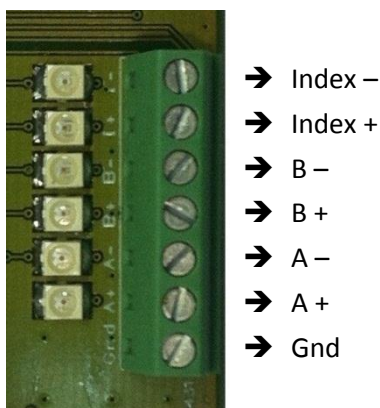
1. Encoder Break-out Board
2. 1 on 1 ribbon cable to connect to LCC or LAC controller encoder connector

The purpose of the Encoder Break-out Board is to provide an extra output of encoder signals. The encoder signals (Gnd, A+, A-, B+, B-, I+, I-) are provided via a 7-fold screw-terminal. The LED's on the board show the encoder signals as they are transmitted from the actuator to the controller. The break-out signals are provided to the screw terminal via a line driver (ST26C31BDR) providing a RS422 level encoder signal. The ribbon cable to the controller is approx. 25 cm long.



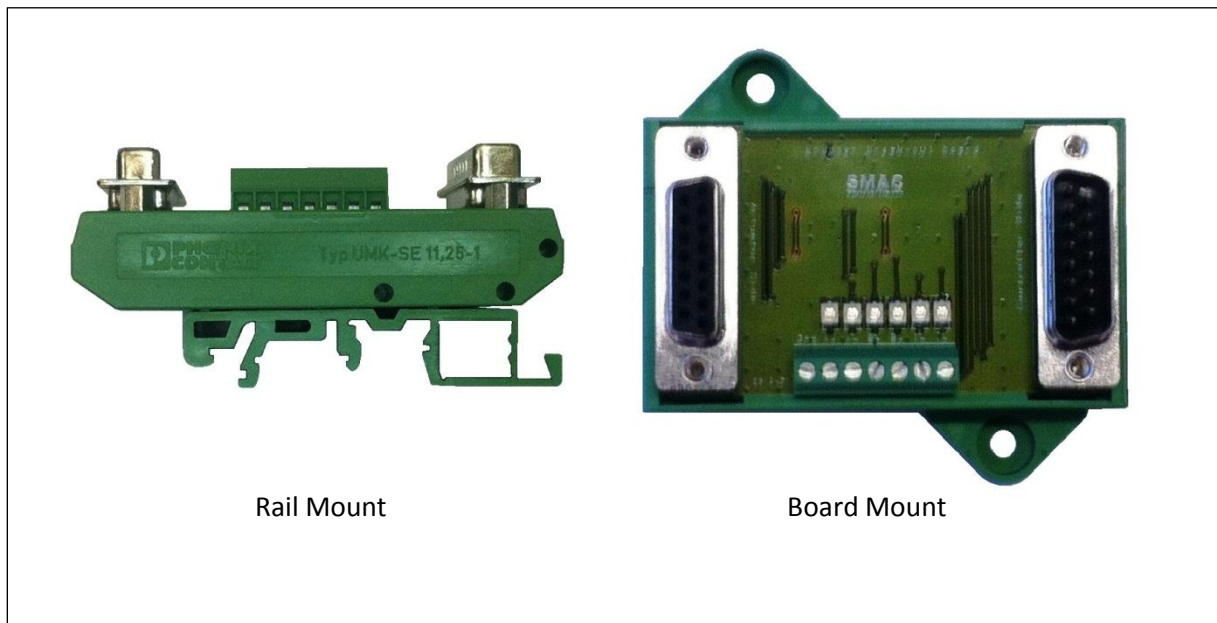
Connecting the Encoder Break-out Board

The connectivity of the 7-fold terminal is shown below



Order information

The Encoder Break-out Board can be ordered in the mounting variations “Rail Mounting” and “Board Mounting”. The Rail Mounting is compatible with mounting on Din-Rail. The Board Mounting provides two mounting ears that have M4 holes for mounting (see images below)



The Encoder Break-out Board order number is:

- EBB-r Encoder Break-out Board for Rail Mounting
- EBB-b Encoder Break-out Board for Board Mounting