

# Servo azionamento Xtrapulspack Easy

Per configurare il drive per lavorare con NILAB, vedi questa pagina:

[https://www.nilab.at/dokuwiki/doku.php?id=green\\_drive\\_motors:xtrapulspack](https://www.nilab.at/dokuwiki/doku.php?id=green_drive_motors:xtrapulspack)

Software per la parametrizzazione del drive:

<https://www.nilab.at/download/gemdrive-studio-5-36-infranor-drive/?wpdmdl=7376&refresh=67a1d90a4104f1738660106>

Per il controllo usando il fieldbus CANopen scarica l'EDS qui: [:miniature\\_motors:eds\\_file\\_easy-ak\\_v1.31.zip](#)

## Comunicazione seriale e CANopen - Pinout connettore X5

Convertitore USB a RS232 suggerito: [https://ftdichip.com/products/usb-rs232-we-1800-bt\\_0-0/](https://ftdichip.com/products/usb-rs232-we-1800-bt_0-0/)

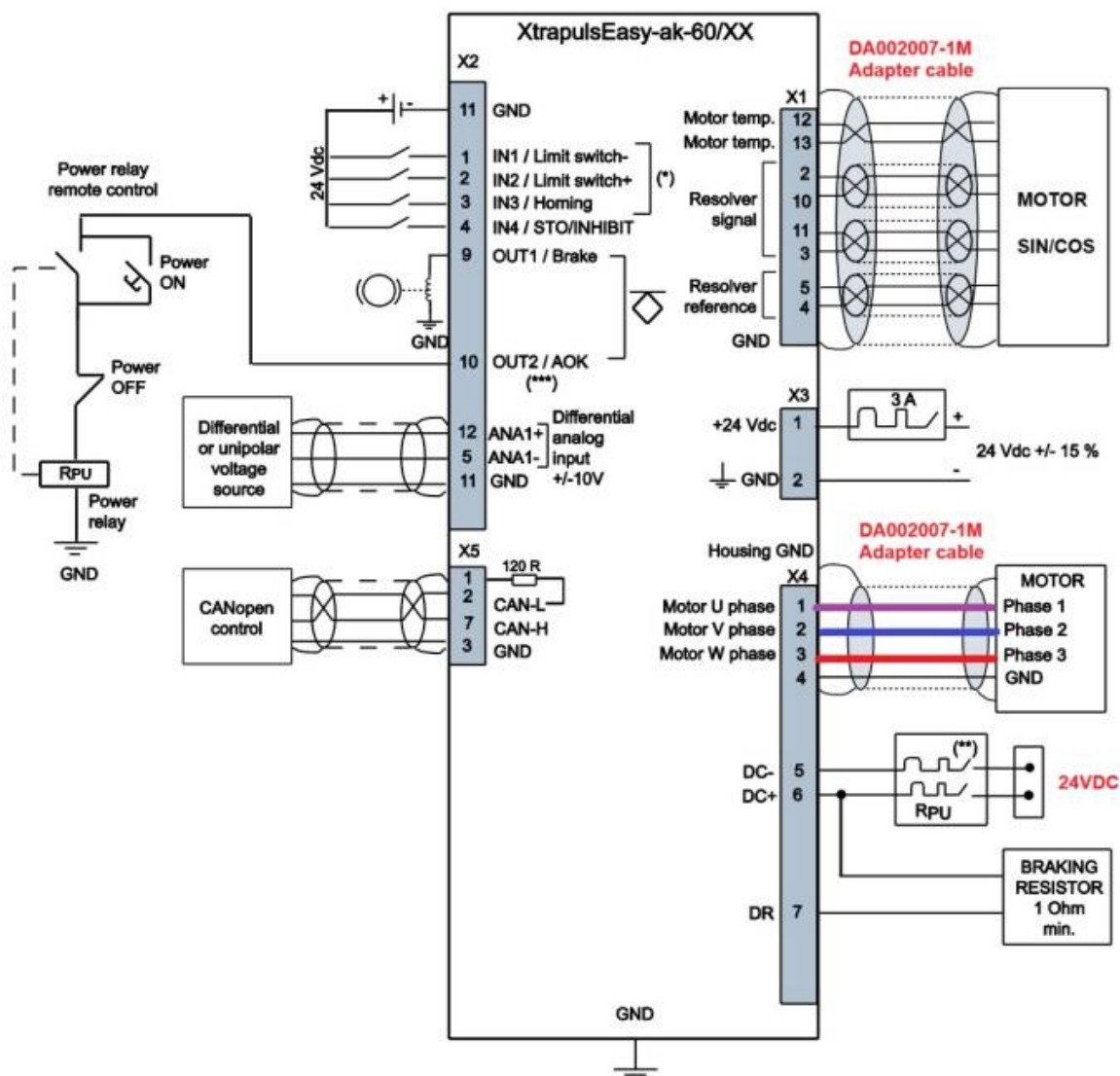
SUB D 9 pin male connector

| PIN | FUNCTION             | REMARKS                                                                                                       |
|-----|----------------------|---------------------------------------------------------------------------------------------------------------|
| 1   | Termination resistor | Connect X5.1 to X5.7 to enable the termination resistor                                                       |
| 2   | CAN-L                | Line CAN-L (dominant low)                                                                                     |
| 3   | GND                  | GND signal for CAN communication                                                                              |
| 4   | TXD                  | Transmit data RS-232                                                                                          |
| 5   | GND                  | GND (shield connection if no 360° connection on the connector). 360° shield connection is highly recommended. |
| 6   |                      | Reserved                                                                                                      |
| 7   | CAN-H                | Line CAN-H (dominant high)                                                                                    |
| 8   | RXD                  | Receive data RS-232                                                                                           |
| 9   |                      | Reserved                                                                                                      |

Default parameters for the CANopen bus are:

- Transmission speed of 1 Mb/s,
- Address set at 1,

## Collegamenti motore e feedback



## Dimensioni meccaniche e posizione connettori del servo azionamento





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