

Accessories

Programming Adapter MC for Motion Controller V2.5 Mini USB interface

Part No.: 6501.00136

| | | 6501.00136 | |
|-------------------------|--|------------------|----|
| Temperature range: | | | |
| – Operating temperature | | – 10 ... + 65 | °C |
| Dimension and Weight: | | | |
| – Dimension (L x B x H) | | 47,5 x 31,5 x 15 | mm |
| – Mass | | 21 | g |

Note: All switches are in the "OFF" position in the as-delivered condition. These switches must be set accordingly depending on the application.

General information

The programming adapter is used to connect and for the parameter set-up of Motion Controller series MCxx 3002 S / F. One Motion Controller can be connected to each adapter board.

The programming adapter is to be operated via an USB interface. Therefore the installation of a special USB driver is required.

Driver installation

The driver is included in the setup package of FAULHABER Motion Manager (from version 5.2), which can be downloaded from the FAULHABER internet site www.faulhaber.com/MotionManager.

For detailed informations to install the driver please see instruction manual of programming adapter USB.

Description of DIP switch (S1) settings

| | | |
|----------|-----|---|
| 1: Fault | ON | Pull-up resistor with LED connected to programming adapter. |
| | OFF | Open collector |
| 2: N.C. | | |
| 3: N.C. | | |
| 4: USB | ON | Operation with USB interface |
| | OFF | Deactivated |
| 5: N.C. | | |
| 6: AGND | ON | AGND and GND interconnected. |
| | OFF | AGND and GND disconnected (with separate ground). |

Pin assignment

Connection X1

USB

Pin Connection X2 / X3

| | |
|---|-------|
| 1 | +24V |
| 2 | GND |
| 3 | An In |
| 4 | AGND |
| 5 | Fault |
| 6 | 3. In |

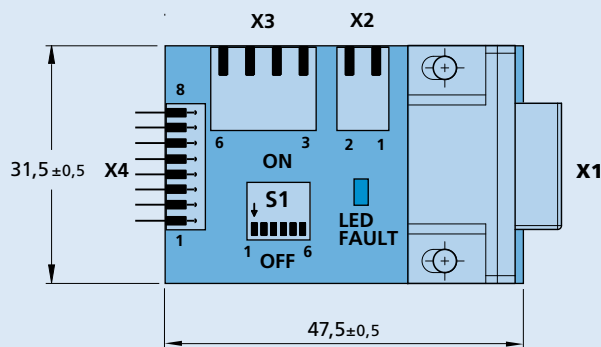
Pin Connection X4

| | |
|---|----------------|
| 1 | RS232 TxD |
| 2 | RS232 RxD |
| 3 | AGND |
| 4 | Fault |
| 5 | AnIn |
| 6 | U _s |
| 7 | GND |
| 8 | 3. In |

LED Status

| | | |
|-------------------------------------|-------------------------|--|
| <input checked="" type="checkbox"/> | LED illuminates | no error fault output switched to GND |
| <input type="checkbox"/> | LED does not illuminate | error fault output high-impedance |

Dimensional drawing and connection information



Connection

| No. | Function |
|---------|-----------------------|
| X1, | USB |
| X2 / X3 | Supply connector; I/O |
| X4 | Controller connector |

No. Switch

| | |
|----|-------------------------|
| S1 | DIP-switch (6 switches) |
|----|-------------------------|