

## 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](http://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: Term	OFF	Reserved – must not be activated
3: CAN	OFF	Reserved – must not be activated
4: USB	ON	Operation with USB interface
	OFF	Deactivated
5: NETMODE	OFF	Reserved – must not be activated
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

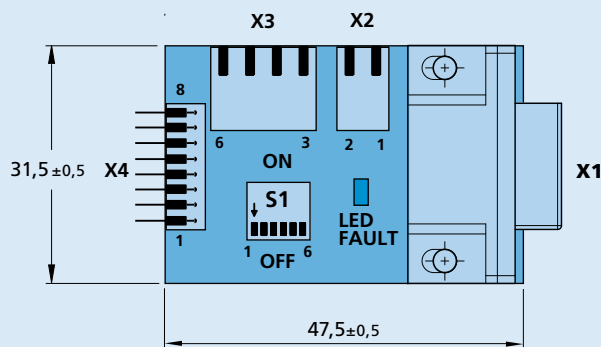
##### Pin Connection X4

1	RS232 TxD
2	RS232 RxD
3	AGND
4	Fault
5	AnIn
6	U <sub>s</sub>
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)
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