

Accessories

Programming Adapter CS for Motion Control Systems V2.5 Mini USB interface

Part No.: 6501.00159

6501.00159

Temperature range: – Operating temperature	– 10 ... + 65	°C
Dimension and Weight: – Dimension (L x B x H) – Mass	64 x 48 x 23,6 29,5	mm g

Note: The board has installation feet for 35 mm mounting rails.
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 Brushless DC-Servomotors with integrated Motion Controller. One Brushless DC-Servomotor with integrated Motion Controller can be connected to each programming adapter.

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).



Connection

Pin	Connection X1	Pin	Connection X2	Wires
1	3. In	1	RS-232 TxD	green
2	GND	2	RS-232 RxD	yellow
3	+24V	3	AGND	grey
4	An In	4	Fault	white
5	Fault	5	An In	brown
6	AGND	6	+24V	pink
		7	GND	blue
		8	3. In	red

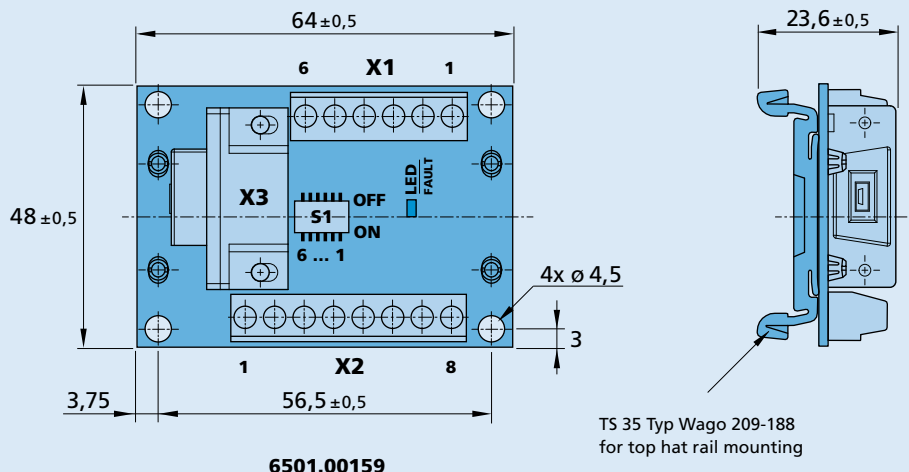
Connection X3

USB

LED Status

	LED illuminates	no error fault output switched to GND
	LED does not illuminate	error fault output high-impedance

Dimensional drawing and connection information



Connection

No. Function

X1	Supply connector; I/O
X2	Motor connector
X3	USB

No. Switch

S1	DIP-switch (6 switches)
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