

Accessories

EtherCAT modul for Motion Controller MC 3001 B, MC 3602 B and MC 3606 B

Part No.: 6501.00494

		6501.00494	
Power supply for electronics		EB MC ET ADDON	
Power supply for motor	U_p	3 ... 3,6	V
Current consumption of electronics	I_{el}	220	mA
Temperature range:			
– Operating temperature		-40 ... + 85	°C
Dimensions and weight:			
– Dimensions (L x B x H)		40 x 40 x 9,6	mm
– Mass		10	g

General information

In combination with the FAULHABER Motion Controllers MC 3001 B, MC 3602 B or MC 3606 B, this EtherCAT module implements a full-featured EtherCAT interface.

The Motion Controller module and EtherCAT module are plugged into a customer base board using B2B connectors. Here, FAULHABER offers an evaluation board.

For the customer application, however, a customer-specific base board needs to be provided.

Coupling to the fieldbus is via two Ethernet ports, EtherCAT IN and EtherCAT OUT. Both are galvanically isolated. The B2B connector is used for connecting and the actual sockets are implemented on the customer base board.

If multiple FAULHABER EtherCAT modules are used, they can be interconnected directly via lines on the customer base board without the need for sockets.

The EtherCAT module supports the complete functionality of the FAULHABER Motion Controller.

Installation type: Extension board with four fastening holes for mounting on a base board provided by the customer.

Network sockets and status LEDs: To be provided on the base board by the customer.

Dimensional drawing

