



EJ6002 | 2-channel serial interface RS232, RS485 or RS422

The EJ6002 serial interface enables the connection of devices with two RS232, RS485 or RS422 interfaces. Apart from the convenient selection of the communication standard (RS232, RS485 or RS422) using the TwinCAT software, various operation modes can be set for the termination of connection cables. The devices connected to the EJ6002 EtherCAT plug-in module communicate with the automation device via the coupler. The active communication channel operates independently of the higher-level EtherCAT system in full duplex mode with 300 baud up to 256 kbaud. The serial interfaces guarantee high immunity to interference through electrically isolated signals. In conjunction with the TwinCAT Virtual Serial COM Driver, the EJ6002 can be used as a normal Windows COM interface.

Technical data	EJ6002
Technology	serial interface
Interfaces	individual selectable RS232, RS485 or RS422
Data transfer channels	2
Data transfer rates	300...256,000 baud (individual free configurable)
Providing external supply	2 x 5 V/100 mA, out of E-bus supply, galvanic isolated, short-circuit proof
Power supply	24 V DC (-15 %/+20 %)
Data buffer	864 bytes receive buffer, 128 bytes transmit buffer
Current consumption E-bus	190 mA
Electrical isolation	500 V (E-bus/field potential)
Dimensions (W x H x D)	12 mm x 66 mm x 55 mm
Operating/storage temperature	0...+55 °C/-25...+85 °C
Relative humidity	95 %, no condensation
Vibration/shock resistance	conforms to EN 60068-2-6/EN 60068-2-27
EMC immunity/emission	conforms to EN 61000-6-2/EN 61000-6-4
Protect. class/installation pos.	IP 20/see documentation
Approvals	CE