

Q.raxx XE BC

Bus coupler for connection to EtherCAT Modules

Q.raxx XE is an new addition to the Q.series product family - the ideal 19" rackmount EtherCAT DAQ solution for applications that require high channel density and custom sensor terminations. Q.raxx XE DAQ systems can consist of an integrated EtherCAT bus coupler for communication and 10 measurement modules capable of up to 100 kHz sampling per channel with short cycle times and low jitter for accurate synchronization

- According 19"-standard IEC
- Electromagnetic Compatibility according to EN61000-4 and EN55011
- High density and flexibility with 13 modules in one system in any constellation
- FoE (file access over EtherCAT, ETG.1000.5) and CoE (CAN over EtherCAT, ETG.50001.1)



Key Features

- **Bus coupler for connection of the modules Q.bloxx EC**
Converting of the defined by EtherCAT LVDS (Low Voltage Differential Signal) on standard Ethernet
- **Connection of up to 10 I/O-Modules**
Power supply and interface link for up to 10 modules (up to 80 measuring channels) via the rear industry-standard connectors
- **EtherCAT IN/OUT**
2x RJ45 connectors
- **USB interface for configuration**
Micro USB to configure the Q.bloxx EC measurement and I/O modules using the configuration software ICP100
- **Power supply of the modules 10 VDC up to 30 VDC**
M12 connector for the supply of the bus coupler and of max. 10 connected measurement and I/O modules



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Technical Data

Power Supply

Input voltage	10 to 30 VDC, overvoltage and overcurrent protection
Power consumption	approx.. 2 W, additional 4 W for each module, max. 45 W
PE connection	it is strongly recommended to connect PE (Protective Earth) on the front panel

Environmental

Operating temperature	-20°C to +60°C
Storage temperature	-40°C to +85°C
Relative humidity	5 % to 95 % at 50°C, non-condensing

Mechanical information

Material	Aluminum
Measurements (W x H x D)	30x 128 x 120mm
Weight	approx. 200 g

Ordering Information

Article number	526324
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