

# Q.bloxx XL boost BC-S

Buscoupling Module for Q.boost

Q.bloxx XL is a new addition to the Q.series product family - the ideal DAQ solution for widely distributed installations that require higher performance and custom sensor terminations. Q.bloxx XL products are packaged in modular, DIN Rail mountable enclosures that easily snap together for system expansion. Flexibility in distribution allows for highly synchronized data that is less prone to noise due to shorter sensor cable runs to the subject.

- RS485 fieldbus interface up to 48 Mbps: LocalBus, up to 115.2 kbps: Modbus-RTU, ASCII
- Electromagnetic Compatibility according to EN61000-4 and EN55011
- Connectable to Controller Q.station X
- Power supply 10 ... 30 VDC
- DIN rail mounting (EN60715)



## Key Features

- Coupling Module for Q.boost Modules
- USB 3.0 interface for data transfer and communication with computer or Q.core
- Time synchronization of all connected boost modules and to further coupling modules and Q.station
- Up to 8 Q.boost modules on one coupling module
- Power supply for Q.boost Modules



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## Technical Data

### Power Supply

Input voltage	12 VDC @ 8 A
Power-supply-socket	Binder M8 4-pole

### Digital Inputs

Channels	8
Digital socket	Micro-Sub-D25

### Digital Outputs

Channels	8
Digital socket	Micro-Sub-D25

### USB-Interface

Channels1	1
Version	USB 3.0

### Synchronisation

Time sync	Sync-up / Sync-down from / to further coupling-modules
Time sync socket	Micro-Sub-D9

### Additional Features

Power Switch	ON / OFF
Status LED	Power / Trigger / Data

### Mechanical information

Material	Aluminum and ABS
Measurements (W x H x D)	30x 145 x 135mm
Weight	approx. 500 g

### Ordering Information

Article number	625425
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