

# Q.bloxx X UART/Power

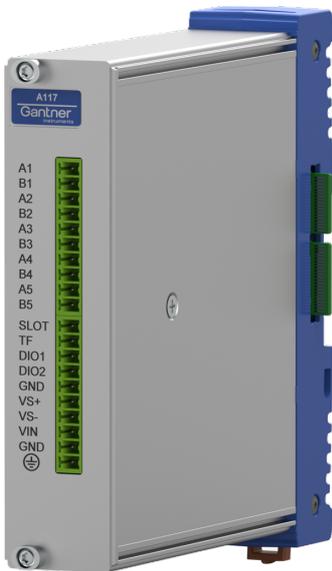
UART and Power extension module

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

- Ability to supply sensor excitation voltage
- Available for connecting to the left or right of the DAQ-system



# Q.bloxx X UART/Power

UART and Power extension module

## Technical Data

### Additional information

The Q.series-X UART/Power is available in two different versions.

These versions are "Q.series-X UART/Power-Left" and "Q.series-X UART/Power-Right".

According to the name the versions are either connectet to the left or to the right of the DAQ-System.

### Pinout

Connector 1			
1	A1	RS485 1 P	Communication UART 1
2	B1	RS485 1 N	
3	A2	RS485 2 P	Communication UART 2
4	B2	RS485 2 N	
5	A3	RS485 3 P	Communication UART 3
6	B3	RS485 3 N	
7	A4	RS485 4 P	Communication UART 4
8	B4	RS485 4 N	
9	A5	RS485 ACYCL P	Communication service interface
10	B5	RS485 ACYCL N	
Connector 2			
1	SLOT	Not used	
2	TF	Carry frequency for A106 sync	
3	DIO1	Digital I/O 1	
4	DIO2	Digital I/O 2	
5	GND	Ground	
6	VS+	Sensor excidation +	
7	VS-	Sensor excidation -	
8	VIN	Supply voltage 10 up to 30 VDC	
9	GND	Ground	
10	⏏	Chassi	

### Mechanical information

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

### Ordering Information

Article number	561323 (left) / 561424 (right)
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