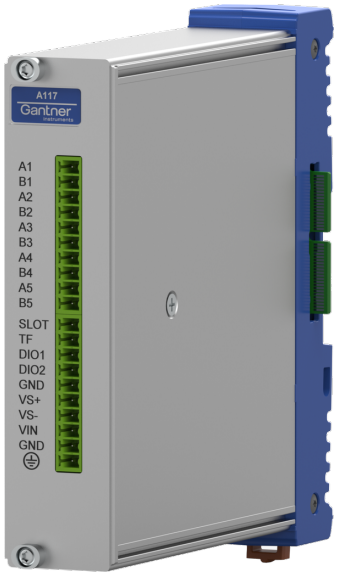
Q.bloxx X UART/Power

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
- Connectable to Controller Q.station X
- Electromagnetic Compatibility according to EN61000-4 and EN55011
- Power supply 10 ... 30 VDC
- DIN rail mounting (EN60715)



Key Features

- Ability to supply sensor excitation voltage



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Technical Data

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
Protection class	IP20

Ordering Information

Article number	687433

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