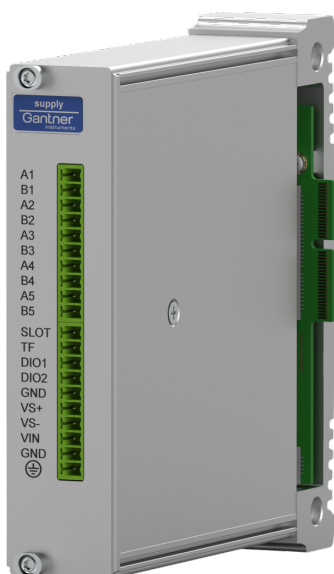


# Q.brixx X UART/Power

## UART and Power extension module

Q.brixx XL is a new addition to the Q.series product family - the ideal DAQ solution for on-the-go applications requiring higher performance in potentially harsh environments. Q.brixx XL DAQ systems consist of up to 16 measurement modules and an integrated, high-performance controller for communication, control, and data logging purposes, all within a robust aluminum housing capable of withstanding severe shock and vibration without sacrificing performance.

- High density and flexibility with 16 modules in one system in any constellation
- Electromagnetic Compatibility according to EN61000-4 and EN55011
- Connectable to Controller Q.station
- Power supply 10 ... 30 VDC



### Key Features

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



# Q.brixx 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        |
| Measurements (W x H x D) | 30x 137 x 135mm |
| Weight                   | approx. 500 g   |

### Ordering Information

|                |        |
|----------------|--------|
| Article number | 687534 |
|----------------|--------|

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