Q.uick Start Guide: Q.bloxx Wiring and Connection Diagram

Purpose: This document describes how to wire power and comms to the Q.bloxx series of modules, including a Q.gate test controller.

Procedure:

1. Using 1 x Q.bloxx-CONL8O (qty. 1 is included with each Q.gate, others must be purchased separately) connected to the left side of a Q.gate or Q.bloxx module, power and comms can be connected.

PIN	CONNECTION
1	Sync A
2	UART 2B
3	UART 2A
4	Sync B
5	+10 to 30 VDC
6	0V
7	UART 1B
8	UART 1A

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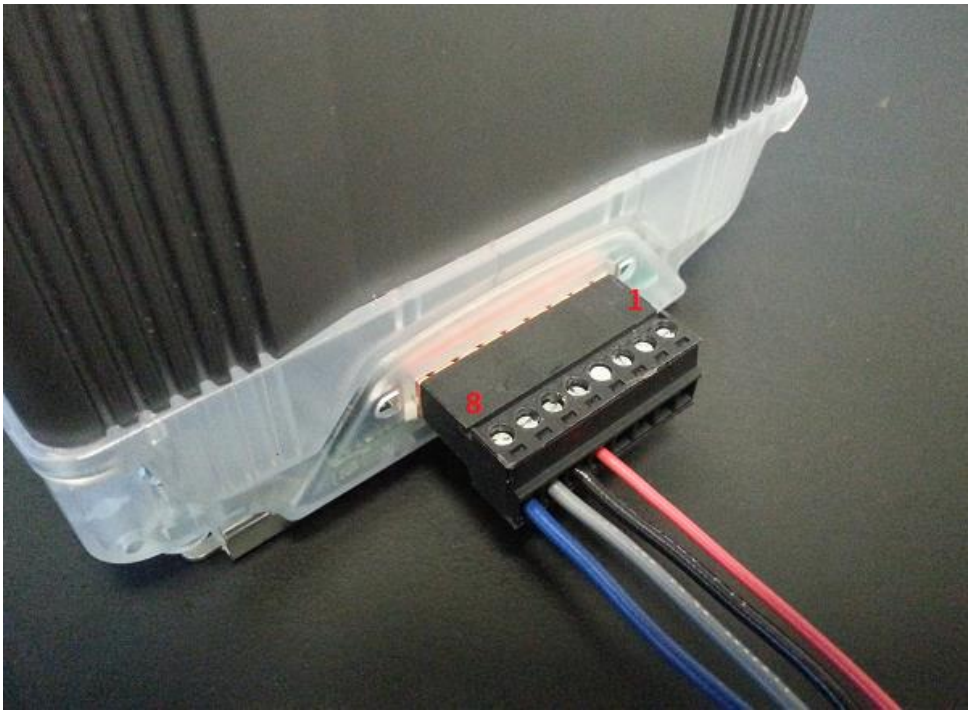
2. Using 1 x Q.bloxx-CONR8B (purchased separately) connected to the right side of a Q.gate or Q.bloxx module, power and comms can be connected or extended to another module.



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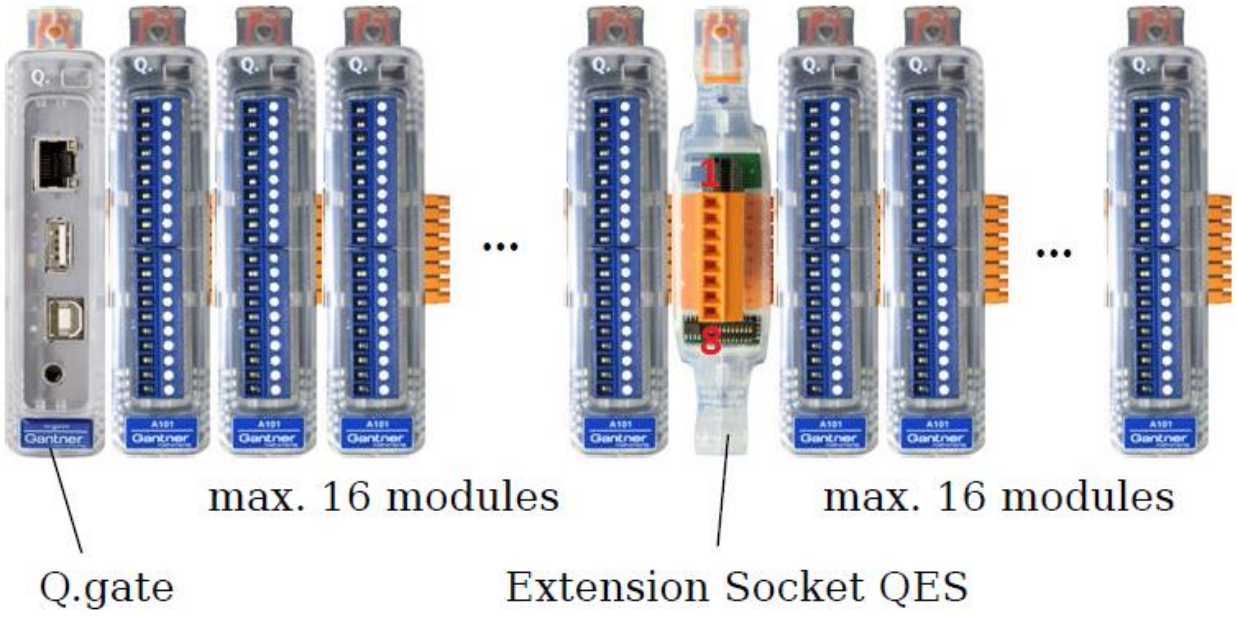
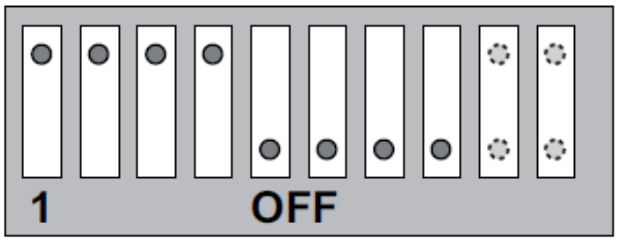
Connecting Q.bloxx Modules to UART2 of a Q.gate:

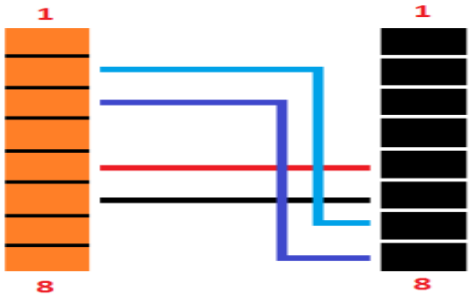
Option 1: If the modules are all connected together, a Q.bloxx-QES (Q.bloxx Extension Socket) can be used.



- Supply power to the QES
  - PIN 5: +10 to 30 VDC (each modules requires approx. 2W)
  - PIN 6: 0V
- Set the DIP switches on the QES
  - DIP switches 1, 2, 3, and 4 are ON and DIP switches 5, 6, 7, and 8 are OFF



Option 2: If the modules are distributed in multiple locations, a Q.bloxx-CONL8O and Q.bloxx-CONR8B can be used.



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