

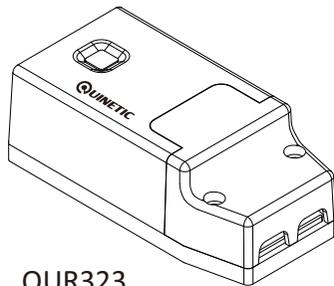
# QR323

## DUAL Controller Instructions 80\*60mm



### Dual Controller for Quinetic Wireless Switch

#### Installation Instructions



QR323

Read all instructions before installation

#### Specifications

##### Dual Controller for Quinetic Wireless Switch Technical Specifications:

Product Code: QR323  
Voltage range: 85-260V 50/60Hz  
Working environment temperature: -25°C - 50°C  
Control distance\*: 160m outdoor, 30m indoor  
Capacity: Up to 10 switches can be paired per output

Control method: pairing with Quinetic Wireless Switch (see instructions)

##### Integrated push-in terminals for quicker installation

Control Load: 2 x 6A  
Maximum Load: 2 x 500W LED  
2 x 1100W other loads\*\*

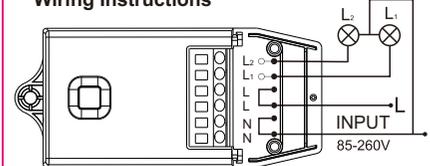
\*Distance comes from Quinetic laboratory test results. The actual distance in practical use might vary due to environmental difference.

\*\*Maximum load rating may vary depending on manufacturers specifications.

#### Wireless receiving controller installation

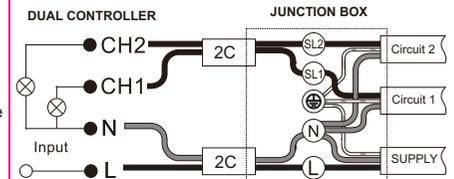
1. Ensure that the power is turned off before installation.
2. The wireless receiver/controller line input should be connected using live and neutral cable from mains.
3. Two loads can be connected to Live Out 1 and Live Out 2 lines. The controller switches on/off the live line (see diagram below)
4. Output lines should be connected to load using cable rating suitable for 85-260V depending on voltage at site. (see diagram below).
5. Use the double-sided adhesive tape or screw to fix the wireless receiving controller.

##### Wiring Instructions



N: Neutral In  
L: Live In  
L1: Live Out 1  
L2: Live Out 2

In order to comply with current wiring regulations and in particular earthing continuity it is advisable that a separate 5 terminal junction box should be used. Please see the junction box wiring below:



##### Wireless receiving controller code pairing method

Wireless Quinetic energy switch and wireless receiving controller can be paired with any combination: a controller can be controlled by a maximum of 10 separate switches, a switch can be paired with an unlimited number of controllers.

The range of a switch may also be extended by using a second controller and putting it into "Bridging Mode". In order to extend the distance, the second controller must be paired with the switch and located between the switch and the controller that is out of range.

The Bridging Mode can be enabled on the second controller by following the pairing steps below (Code Pairing Steps No.5). Once the second receiver is in Bridging Mode and paired with the switch it will forward the signal from the switch to the controller situated outside of controlling range.

QR323 Dual controller has two outputs. Each output can be independently matched. The controller has one **Blue led indicator for channel 1** and one **Red Led indicator for channel 2**.

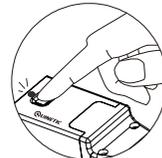
**Press the button twice to change the channels.** The led indicator of the corresponding colour will flash twice to indicate the channel. Press the button once to determine the current channel.

##### Code pairing steps:

1. Press the function button for 3 seconds and the indicator light begins to flash slowly. Then release the button to enter the single pairing state.
2. Press the wireless Quinetic energy switch and the indicator light on the controller will go out, which means that the pairing is successful.



Press for 3 seconds to enter program mode



Press for 10 seconds to clear memory

3. If you need to add more switches to the same controller, repeat the above process; each controller can store up to 10 switches, pairing in formation.
4. Single, double and triple switches follow the same pairing method.
5. In order to put the controller in to Bridging mode press the function button for 7 seconds. The indicator light will pulse continuously to indicated a successful "bridge". The bridging mode can be toggled off using the same pairing steps.
6. If the controller indicator light continues to pulse the controller will still function normally even if used with a single switch.
7. To clear the stored pairing information press function button for 10 seconds until the indicator light goes out - the pairing information will be deleted from the selected channel only.

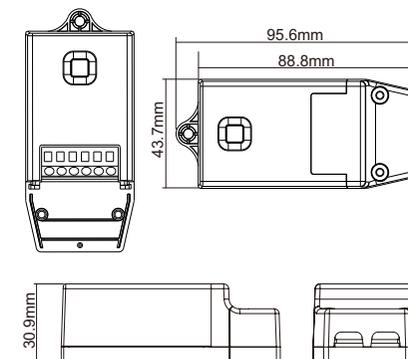
#### Precautions:

1. The wiring must be done in accordance with the method of installation illustrated.
2. Please note the maximum load of an individual controller. Exceeding this maximum will result in blowing the fuse.
3. The controller has a non-replaceable internal fuse.
4. Do not short-circuit, it may cause permanent damage to the receiving controller.
5. The controller will remain "OFF" after a power cut, until reactivated by a switch, saving energy, reducing fire risk and protecting your appliances.
6. Damage caused by incorrect installation and operation are not covered under warranty.

#### Troubleshooting:

1. If pairing does not work first check if the indicator is lit. Re-pair in case the pair is lost after power failure.
2. If the receiver does not respond check the LED indicator. If this does not light check the power supply,

#### Dimensions:



\*Please note: For more pairing information visit [www.tlc-direct.co.uk](http://www.tlc-direct.co.uk)