

Transmitter



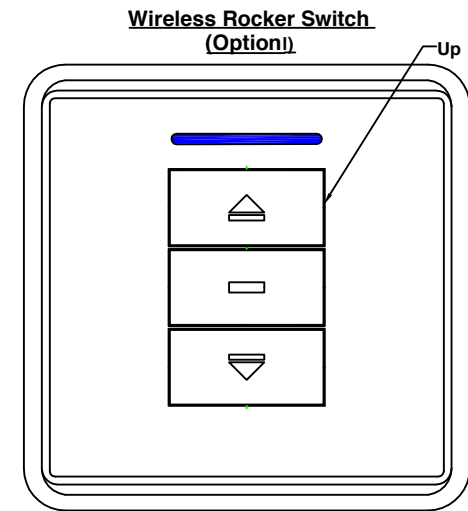
SW 4	Reverse Direction of Manual Buttons
SW 5	Reverse Direction of Motor
SW 6	Transmitter Program Button
	On = Impulse Up/ Dead man Down
SW 7	Off = Not to be used with this unit**

Operation

This unit is a basic control and is required to operate "Impulse Up / Deadman Down". It has no dedicated safety safety circuit (s) and therefore the condition of "Impulse Down" must not be used.

Should this condition be required please contact Ellard Sales for an alternative unit along with suitable safety devices.

Specification	
Power Supply	200 - 240V AC, 50Hz
Operating Temp	-10 to + 50°C
Frequency	433MHz
Max Transmitters	20
Transmitter Distance	>30m
Max Power	500W



Programming Transmitter

- Press program button SW6 until Green LED starts to flash then release
- Press UP button on transmitter device, Green LED flashes quickly then goes out
- Programming complete

Battery Replacement - Transmitter

- To gain access to the battery, remove the 3 fixing screws located in the rear of the hand set
- Replace the defective battery with the same type fitted, this can be either type 27A (12v Alkaline) for earlier hand sets or button cell type CR2032 (3v Lithium) for newer hand sets

Battery Replacement - Wireless Rocker Switch

- Remove unit from its location
- Fit small flat blade screwdriver between back cover and surround at the rear
- Gently prise the surround away from the back mounting plate
- Remove/replace the battery located in the front of the unit

Deleting Receiver memory

- Press and hold Prog button SW6 - Green LED flashes slowly
- Continue to hold until (approx. 5 sec) Green LED flashes quickly then release
- Within 5 seconds press Prog Button SW6 once
- Green LED goes out
- Total erasure complete

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Title

GENERAL DETAIL, CONNECTION
AND SET UP

Rev

1. Fire Signal Added

Rev

2. Redrawn

Date

15/02/2017

Drawn by

D. England

Chk'd by

J. Monks

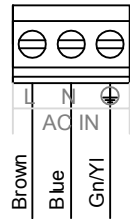
Drg #

elec/ATHENA/misc/005 rev2

Terminal Connection

Term	
L	Motor Direction
R	Motor Direction
⊕	Motor Earth
N	Motor Common
L	Mains Power 230v AC (Live)
N	Mains Power 230v AC (Neutral)
⊕	Mains Power (Earth)
U	External connection - Open
S	External connection - Stop
D	External connection - Close
V	External connection - +12v dc
G	External connection - 0V / Switch Common

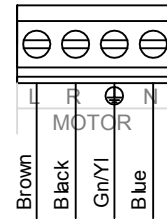
Mains Supply Connection



Recommended Protection 10A fused Spur or Single Pole MCB Type 'A'

Mains Supply
230v AC 50Hz

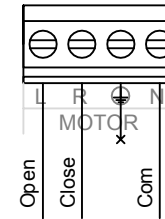
230v Tube Motor Connection



Note
This connection will supply **230v AC** and is specifically for tube motor operation

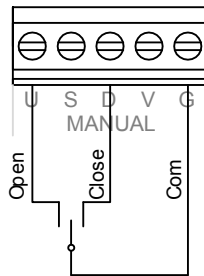
Tube Motor
230v AC 50Hz

Volt free Switching Connection



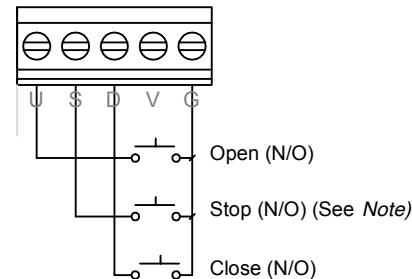
Note
This unit must be **factory modified** to give this function and will be marked as such

Ext Key-Switch Connection



Key Switch
Connection

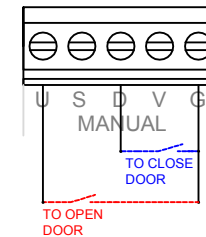
Ext Push Button Connection



Push Button
Connection

Note
Contact block for **Stop** Button must be changed to Normally Open Contact Block

Ext Fire Signal Connection



N/O Volt Free Fire
Signal
Connection

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