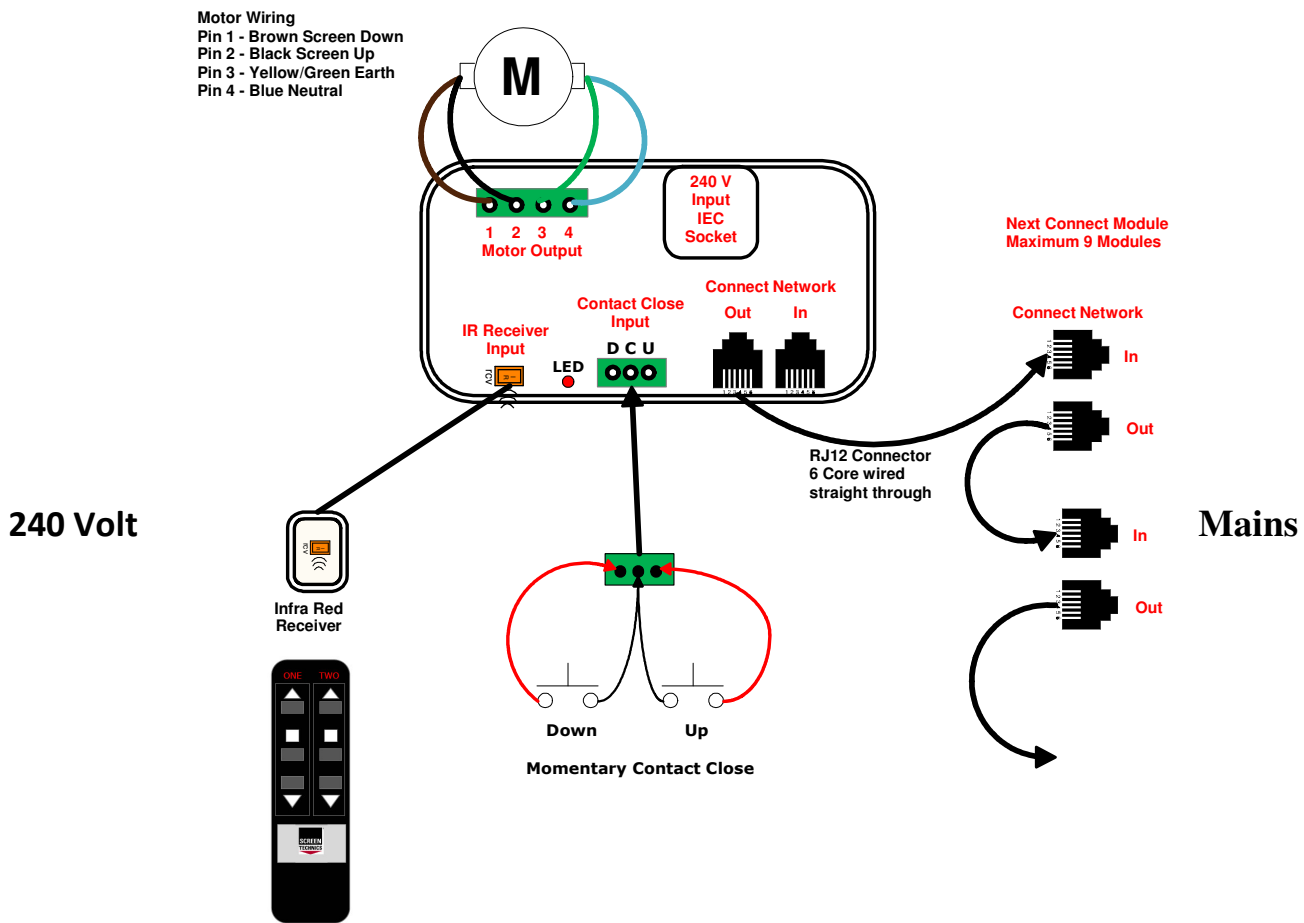


240 Volt Motor Controller for 4 Core Projection Screens, AV Lifters and Motorised Blinds



Connections

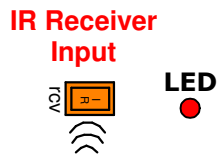
- The iConnect motor controller is supplied with a 240 V IEC power lead for connection to a standard GPO.
- The 240 V output to the 4 core motor is via the supplied WAGO connector.

Pin Wiring configuration

- Pin 1 Brown (Motor Down)
- Pin 2 Black (Motor Up)
- Pin 3 Green/Yellow (Earth)
- Pin 4 Blue (Neutral)

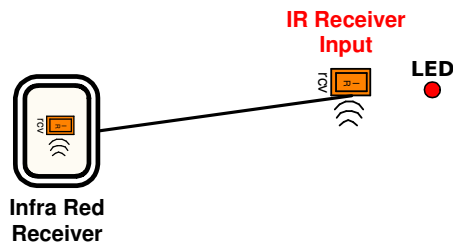
Power on Indicator (Next to IR Input)

- When LED is Green, indicates mains 240V present and iConnect module is on.
- When LED is Red, indicates that iConnect module is in program mode.



For Infra Red Operation you will require (Supplied Separately)

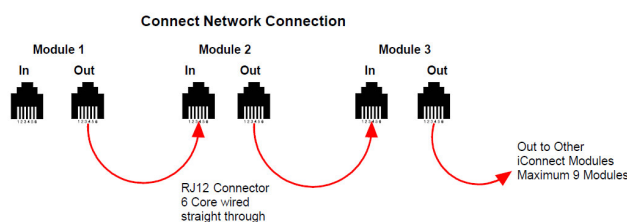
- Screen Technics 2 Channel infra red transmitter (Product Code 6500101)
- Screen Technics Connect infra red sensor (Product Code 6500102 Length 300mm) or (Product Code 6500103 Length 2000mm).
- Infra red receiver is connected to the IR receiver input on iConnect module.
- Factory standard infra red operation is infra red channel one (1).



- For individual infra red channel control (up to 9 Infra Red Channels can be programmed via the 6 button infra red transmitter if required. (Contact Screen Technics for details)

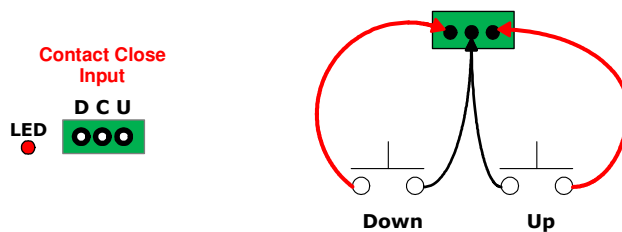
Connect Network Connection

- The connect network allows for the connection of up to nine (9) iConnect 240V or 24V modules.
- Connection between modules is via a RJ12 6 Core cable wired straight through.
- Connection is made by connecting from the RJ12 connect network out to the RJ12 connect network in.
- A 10 metre RJ12 Connect daisy chain cable is available (Product Code 6500104).



Contact Close Input

- Requires two (2) contacts - one for up command and one for down command.
- Contact operation is momentary dry contact, command is sent when contact is reopened (Lagging Contact)
- Contact close input is local only, can be parallel wired to other modules for multiple control.
- Contact close can be reprogrammed to single latched mode by using the 6 button infra red transmitter if required. (Contact Screen Technics for details)
- Two button impulse switches are available (Product Code 3500998)



Interfacing with third party control systems.

The iConnect module can be connected to the iReply (Product Code 6500300) interface via the connect network to provide

- RS232 control
- RS485 Control
- TCP/IP Control
- USB Control

(Contact Screen Technics for details.)

Factory Reset Procedure

Should you experience problems with the operation of the iConnect module at the time of installation, a factory reset can be initiated to confirm operational integrity of the iConnect module.

- Infra Red receiver must be connected to the iConnect module
- Disconnect module from mains power for 20 seconds
- Reconnect module to mains power.
- LED on iConnect module will change from green to red (module is now in program mode).
- Using the 6 button infra red remote push buttons in the sequence of
 - **Stop 1 – Stop 1 – Stop 2 - Stop 2 – Stop 1 – Stop 1**
 - To confirm that the reset was performed the projection screen, AV lifter or roller blind will jiggle up and down. The module is now reset to factory standard (Infra red operation is group one (1) and contact close is momentary operation.