

Cabling for 230v NEWBLINDS Quiet Radio Operated Roller Blinds

Motor Reference

Part Number: EN.MO.35R.628:

(A) Power Requirements:

Each motor/blind should be powered by its own 230vAC switched and fused power supply. We would usually recommend that this is positioned away from the window recess itself.

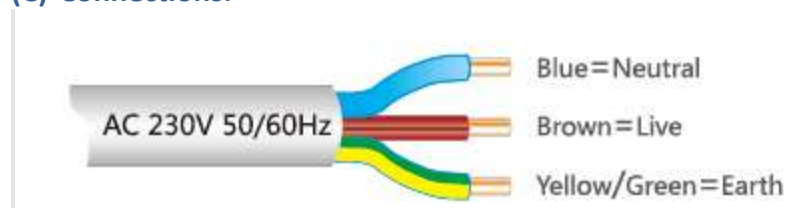
For example, modern renovations/builds tend to allow for a central COMMS cupboard where power supplies and home control/networking hardware can be positioned.

(B) Cabling Requirements:

We would suggest running a 4-core cable from each 230v switched fused power supply to the head of the window where each blind will be fitted. Motors can be positioned at either the left or the right hand-side of the blind. Ideally the cable should enter the recess behind the motor end bracket.

We suggest 4-core because this “future proofs” your cabling. It will allow you, at a later date, to change your motors to another brand or change to relay operation, which often requires 4-core cable.

(C) Connections:



Each motor is pre-fitted with 2 metres of 3-core power flex cable, white in colour.

At the end of the cable, there are 3 cores as depicted above, which will need to be connected either to the mains power source (detailed in section A) or to the cable entering the recess (detailed in section B).

The pre-fitted motor cable incorporates a male/female connector 15cm from the head of the motor, which allows the motor to be easily disconnected from the mains power, leaving the remainder of the power cable connected to the mains. This means that disconnecting for maintenance does not require a qualified electrician.

(D) Antenna:

The motor head also features a separate antenna 22cm in length, white in colour. This is beneficial because some other motors incorporate the antenna in the power cable, preventing the power cable from being trimmed.