

Cabling for 230v Radio Operated Roller Blinds

Motor Specification:

Unless otherwise stated in your quotation, we will use the SOMFY Sonesse 40 RTS 6/20 motor.

Technical specification of this motor can be found at the link below

<https://newblinds.co.uk/files/catalog/1/Brochure---Electric-Roller-Blind-Motor---SOMFY-230vAC-Radio.pdf>

Each motor is pre-fitted with 1.5m of 2-core power flex cable.

Power Requirements:

Each 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.

Cabling Requirements:

We would suggest running a 4-core cable from each 230v switched fused power supply to the head of the window where the 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 wish to change your motors to another brand or change to relay operation, which often requires 4-core cable.

Antenna:

It's fine to trim the motor's power flex cable down when you are making final connections, but please be aware that the first 300mm of the power flex cable also incorporates the Somfy RTS (Radio) antenna, so this should not be trimmed!

Connections:

We would suggest asking your electrician to make connection using a male-female connectors, so that it does not require an electrician to disconnect the motors for maintenance purposes.