

MOTORISED PLEATED BLINDS

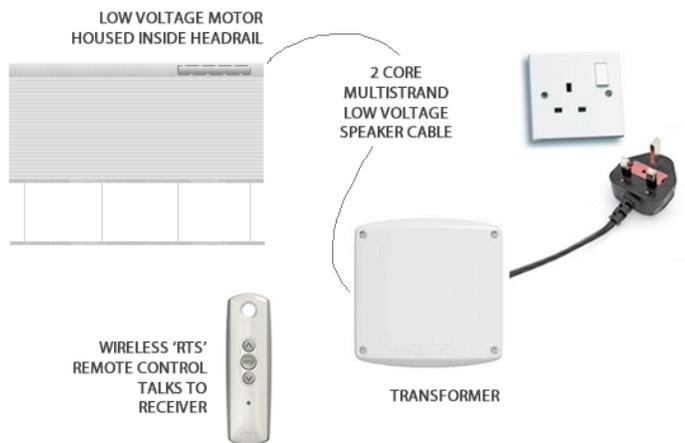
Powered by Somfy Low Voltage Motors

Our motorised pleated blinds are supplied with compact low voltage (24v) motors that are housed, out of sight, within the head-rail.

HOW DOES IT WORK?

In addition to the pleated blind there are 4 main components needed to power it

Low voltage motor, transformer, remote control handset (transmitter) and a receiver



Somfy remote controls employ RTS technology (Radio Technology Somfy) which must communicate with an RTS receiver. The receiver is either housed in the transformer or located on the blind itself – either externally on the headrail or (depending on the size of the blind) concealed within the headrail itself.

WIRING

The transformer can be located up to 15metres from the blind without noticeable voltage drop.

This means that in principle the transformer can be located in a cupboard or out of sight behind a piece of furniture - as long as there's a convenient power supply.

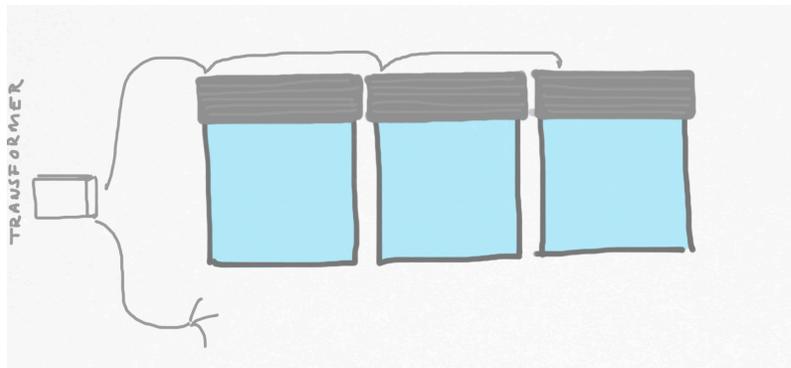
The transformer can be plugged into a socket using a 13-amp plug or hard wired into the electrical supply.

The bell wire that connects the blind to the transformer has the advantage of being just a few millimetres thick and is relatively easy to disguise where blinds are being retro fitted.

However many clients like to pre-wire their properties prior to installation – often as part of other refurbishment works.

Where this is the case. the transformer should be connected to the blind using a 2 core multi strand (32 or 42 strand) high quality low voltage/ speaker cable .

Multiple blinds adjacent to each other can have their wiring 'daisy-chained'. This really helps to minimise visible wires.



We're always happy to produce wiring diagrams for clients to work from.

FABRIC

Pleated blinds are available in a variety of fabrics in a range of colours – however they fall into two main groups 'Duette' and 'Plisse'

Plisse fabrics are the more traditional style - a single sheet of fabric is pleated – rather like a kilt and cords are visible as they run through holes punched in the fabric.

Duette fabrics are twin wall fabrics. The guide wires and tension cords run through the centre of the fabric out of sight and there are no visible holes. This delivers a more streamlined appearance and makes them a first choice as a blackout fabric.

Duette fabrics also offer excellent insulation for windows – both for solar gain and heat lost – and the twin-wall fabric delivers superb light diffusion and glare control.



PLISSE



DUETTE (CELLULAR)

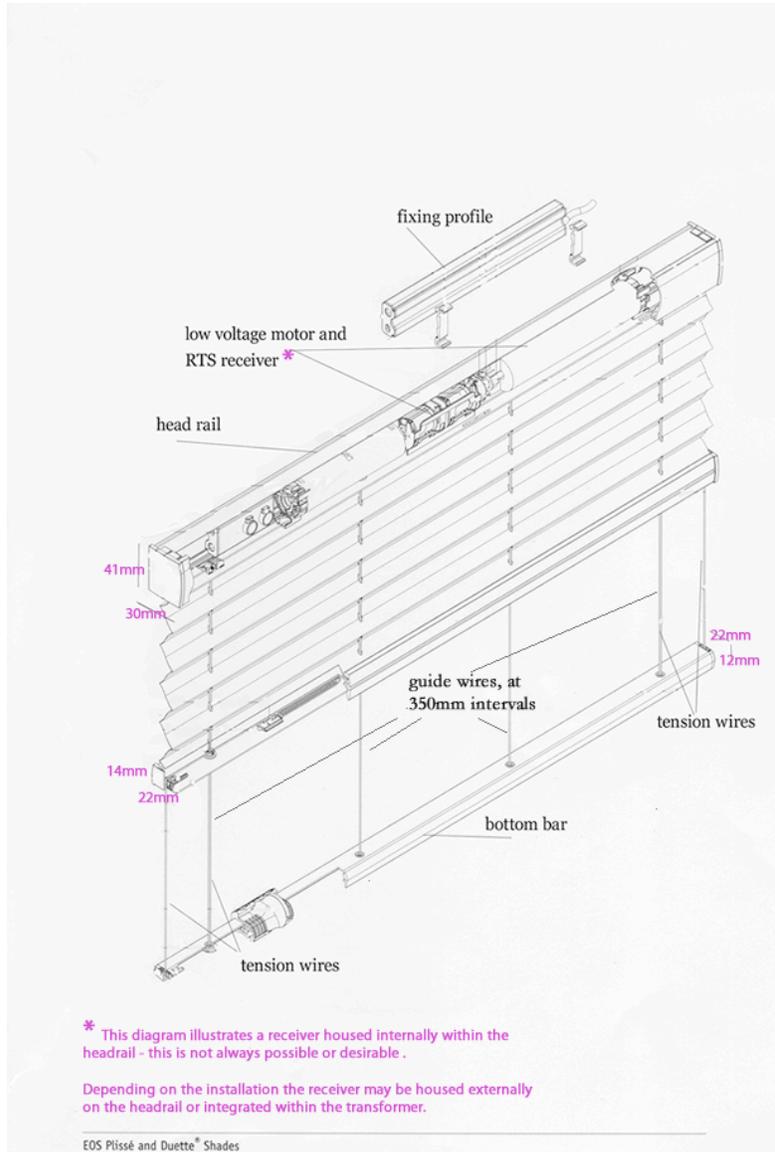
On average a 2metre length of fabric will reduce to approximately 35mm when the blind is retracted.

HARDWARE

Pleated blinds are available with hardware in three colours white, brown and charcoal grey.

Pleated roof blinds require guide wires that support the blind across the span. These must be spaced a maximum of 350mm apart.

The diagram below gives a more detail view of the construction.



REMOTE CONTROLS

Typically blinds are controlled using a Somfy remote control which 'talks' to the RTS receiver incorporated in the motor.

Operation is simple – once the blind has had its 'limits' set (the open position and the closed position) you simply press either the 'up' button' or the 'down' button and your blind will raise or lower - automatically returning to the pre-programmed position.

You can stop your blind at any point while it's moving and adjust its position to suit.

Better still you can set an intermediate position – known as the 'MY' position. Touch the 'MY' button at any point when your blind is stationary and the blind will automatically return.

There are a number of different control options available.

TELIS 1 – HAND HELD

Controls one blind or a single group of blinds. It's a hand held remote with an option to hang from a wall mounted button.

Available in 3 colourways. 'Pure' is supplied as standard.



TELIS 4 – HAND HELD

Controls multiple blinds or groups of blinds – has *four* channels and a further option to operate each of the channels simultaneously.

Like the Telis 1, it's a hand held remote you can hang up on the wall.

Available in 3 colourways. 'Pure' is supplied as standard.



SMOOVE MECHANICAL - WALL MOUNTED

Controls one blind - or a single group of blinds and is designed to be permanently wall fixed.

The Smoove remote control uses exactly the same wireless radio technology as the hand-held remote controls.

Available in white only.

