

1. technical features

A mechanical end-stop incorporated within the head-rail, ensures a safety stop of the blind in the lower position. The entire kit is contained within the spacer bar frame thereby ensuring the hermetic seal of the unit.

Height	300 ~ 2.500 mm
Width	420 (320 with double head rail system) ~ 2.200 mm
Maximum area	5,5 sqm
Blind stack height	1% blind height + 65 mm (+ 95 con with double head rail)

Motor groups

24V dc power supply, maximum absorption: 400 mA.

Operation speed: 45 rpm.

Torque: 1 Nm

Motor

F class winding (155°C); brushes in 50% CU, 47% C, 3% MoS₂; diamond finished commutator.

Reducer

Planetary 4 steps-reducer. Completely manufactured in steel. Cogged gears, external broached rim, planetary supports with guide rollers, double bearings in output.

Ratio: 270:1.

Encoder

Magnetic encoder in Neodymium, with a very high magnetic field with a resistance strength up to 120°C. Fixed firmly on the motor shaft via a brass ring.

Electronic card

Manufactured from standard industrial components. Operating range (-20 °C +100 °C) and controls the encoder, the speed limiter and the motor safety function.

Head rail

Extruded aluminium, A6063S-T5 alloy.

Dimensions: width 27 mm, height 34 mm.

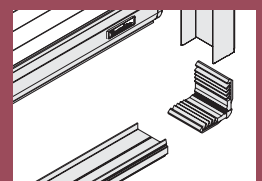
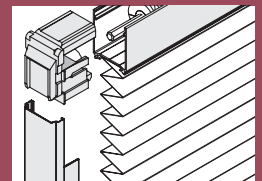
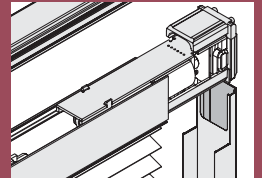
High-resistance polyester paint. Available colours: aluminium grey, white and beige.

Verosol® fabric

Woven polyester fabric, 20 mm pleat, with an aluminium microfilm applied through an exclusive vacuum technique (three-chamber system). The microfilm adhesion complies with the EN-ISO 7523 regulations and the fabric is Class 1 (one) Flame-Retardant. Colours available: 6.

Vanity fabric

Woven polyester fabric, 20 mm pleat, non flame retardant, not metallised. Colours available: 2.



SL27M plissé

PLEATED BLIND

Performance characteristic of the Verosol® fabric

Pleated Verosol® Fabric	Solar reflection %	Light reflection %	Solar absorbing %	Solar transmission %	Light transmission %
812	71	66	20	9	9
816	52	50	28	20	22
878	74	74	21	5	5

Performance characteristic of the Vanity fabric

Pleated Vanity Fabric	Light reflection %	Light absorbing %	Light transmission %
White C000	46	4	51
Cream C010	40	13	46

Bottom rail

Extruded aluminium A6063S-T5 alloy.

Dimensions: width 20 mm, height 30 mm.

Manufactured in two interlocking profiles.

Powder coated to colour aluminium grey, white or beige.

Internal cord

Thermo-fixed 100% polyester internal cord, with excellent dimensional stability.

1.4 mm diameter – colour white. High resistance performance and very little shrinkage effects at high temperature.

Spacer bar

Extruded aluminium; Dimension 27 x 8 mm.

Upper: extruded open spacer bar 27 x 8 mm.

Lower: extruded "U" shaped spacer bar with 4,2 mm clipping projection.

Sides: "C" shaped side spacer bar 27 x 8 mm with 12 mm projection.

Control accessories

Control unit

For use in the application of centralization of several blinds or bus control.

It is possible to connect a maximum of 4 blinds. Available connections: input power supply (24V dc) manual switch, remote control connection and remote connection to other control units if required, and output to motor. Due to its small dimensions (40x40x20 mm) it can be easily contained in the surface or wall mounted back box. Equipped with internal safety fuse 6,3 A.

Power supply

Input 230V AC / output 24V DC +/- 5%, 2A. Protection fuse 3,15 A delayed, for maximum 4 blinds.

Dimensions: 110 (130 mm with fixing projections) x85x50 mm (height)