

Multi-piece U-shaped protective box (dimensions 230 x 170 mm) from extruded aluminium profile as support element of the structure. Side cover as cassette end for receiving fabric roller shaft \varnothing 78 mm from galvanised steel. The box profile is provided with a continuous hook for hanging the awning on the brackets used for the wall installation. The force is transmitted via the arm support, connected to the box profile, to which the jointed arms are mounted via a tilt joint. Drop profile from extruded aluminium in square shape (54 x 170 mm) with matching side covers from cast aluminium alloy. Folding arms with inverse incline of aluminium extruded profiles and precision parts of aluminium cast alloy, internal tension springs and double stainless steel cables and cable protector over the middle joint. Simple and infinite inclination angle adjustment via adjusting nut on the tilt joint from 5° – 35° for wall, ceiling and frame installation. The aluminium profiles and aluminium cast parts are powder-coated in façade quality.

Wind resistance

The system fulfils wind resistance class 2 (to DIN 13561).

Cover

The cover with a spin-dyed acrylic cloth (price category 1), colour fast, very high UV protection, good tensile strength, water and dirt resistant is from the STOBAG collection. Polyester, acrylic etc. and various assembly technologies such as gluing, TENARA stitching, etc. as per STOBAG collection (collection index) can be optionally selected.

Drive

Tubular motor 230 VAC, 50 Hz or 120 VAC, 60 Hz (country-specific) with electromechanical brakes and electronic end position switch off. Thermal protection, protection class IP54 (spray water), with 50 – 150 cm connection cable. Optional remote-control version: Radio tubular motor 230 VAC, 50 Hz or 120 VAC, 60 Hz (country-specific) with electromechanical brakes and electronic end position switch off. Integrated radio receiver, thermal protection, protection class IP54 (spray water), with 50 – 150 cm connection cable. Manual version: Bevel gearbox with adjustable end stop and free-wheel crank handle, reduction ratio 4.6:1. The bevel gearbox is operated via a removable operating handle shaft of powder-coated metal in white and grey with hook and plastic handle.

Options**Brackets**

An additional ceiling bracket is required for ceiling mounting and an additional rafter bracket is required for rafter mounting.

Automation

Automation of the awning with a choice of the following variants.

- Somfy io wireless system: Select main motor io, select comfort packages and select SLT lighting with io.
- KNX/DALI interface: Select WT main motor and SLT lighting with DALI/ext. buttons.

LED lighting integrated in the box

On the separate profile on the underside of the protective box, a groove is provided for integrated lighting, which is directed away from the wall at an angle of 40° and in which an LED strip (2700 – 5000 K) can be installed.

This is covered by a reflective plastic profile.

Operation of LED SLT Stripe

- io usage: On/off/dimming/color control.
- Operation via DALI/ext. buttons: DALI is controllable via home automation systems or buttons (DALI Feller rotary encoder, Art. no. 40090) on/off/dimming/color control.