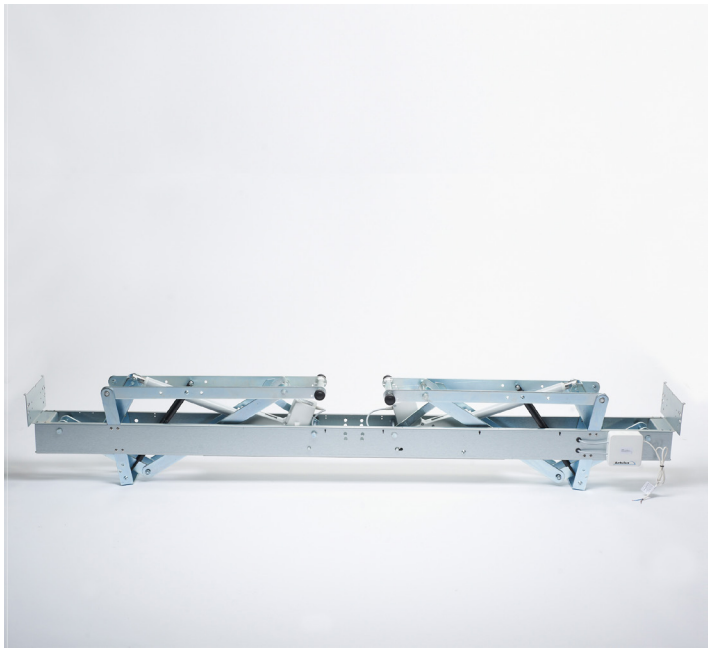
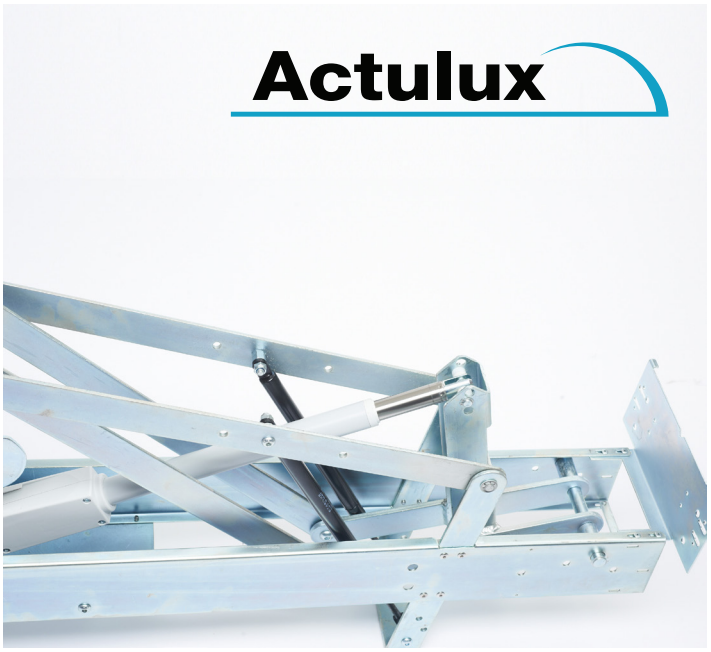
Electrical Systems

Actulux

Electrical Opening System - SA Power Double

maximum stability and minimum need of space





Electrical Opening System - SA Power Double

The opening system sets new standards within the electrical opening and closing of skylight, smoke hatch and glass roof etc. where there is a need for fire and comfort ventilation, according to the European standard EN 12101-2.

MAXIMUM STABILITY AND POWER

The opening system is based on a unique geometrical movement by means of an electrical actuator, which is fitted in a system for which a patent is applied. This system gives a maximum stability and power exploitation both for opening and closing.

The opening system is especially suitable for medium and large skylights with double flap.

UNIQUE DESIGN DEMANDS LESS SPACE

The opening system has an elegant design, which with its single and compact opening principle demands a minimum of space in closed position as well as in operation (It does not take space in the room under the skylight or smoke hatch). This gives the possibility to pre-install the opening system.

BUILT-IN ELECTRONIC CURRENT LIMITER

The electrical actuator is connected with a built-in electronic current limiter (type LIP) that works as an overload protector by end stop and locking. At the same time, it gives the possibility to determine the current consumption as well as the opening time.

FEATURES
Input: 48V DC or 24V DC
Low current consumption with intelligent adjustment by current limiter type LIP (48V = max. 2x2A / 24V = max. 2x4A)
For skylight sizes: Width160-300 cm and length (hinge side) up to 250 cm
Lifting power up to 300 kgs each lid incl. snow load
Opening angle: 0° to 95°
Temperature: -25°C - +55°C (+75°C Requires special lubrication)
Opening time: max. 60 sec.
Degree of protection: IP54 Operation mode: S3 25% duty cycle
Meets the demands according to EU Standard EN12101-2
Extremely low noise level
No maintenance, only min. one yearly inspection according to the legislation in force
Patented opening system
Unique design with small space requirement, which gives the possibility to pre-install