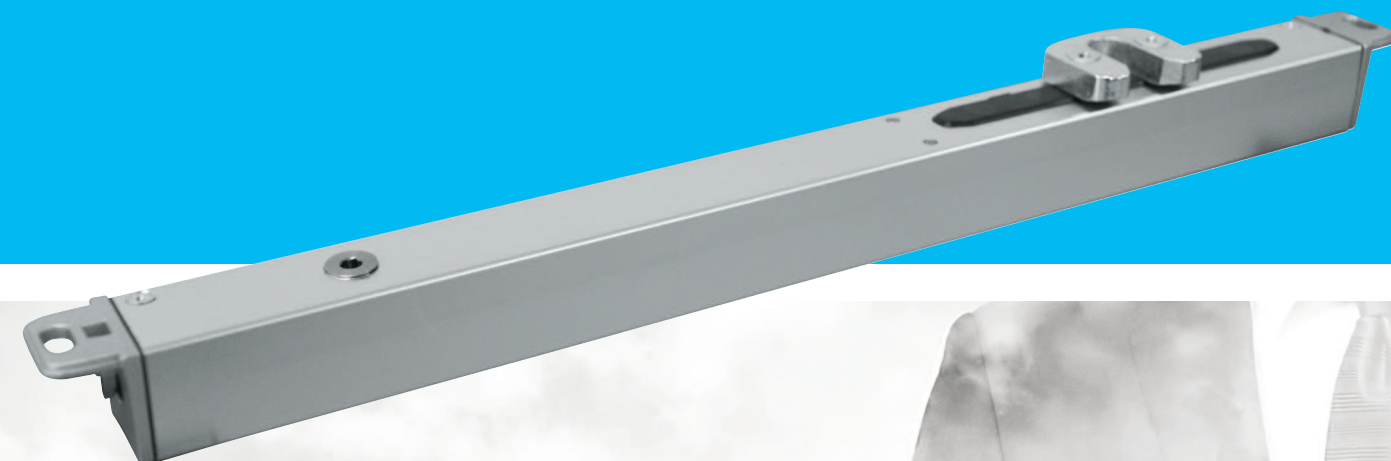


# K-LOCK

Electromechanical Lock 600 N

24V= (DC) Stroke 18 - 36 mm



K-LOCK	24V=(DC)
Push and pull force	600 N - 850 N at start
Stroke	18 mm / 36 mm
Power supply voltage	24V= (20,4 ÷ 30V=)
Current at nominal load	0,85 A during the opening/closing - 1,2 A for amperometric block
Power absorbed at nominal load	~ 20 W
No-load speed	5 mm/s
Maximum no -loas stroke duration	4 s (18 mm) - 7.2 s (36 mm)
Double electric insulation	Very low tension
Duty rate	30 %
Service	S <sub>2</sub> - 1 minute
Case material	Aluminium alloy extrude
Operating temperature	-20°C ÷ +70°C
Degree of protection for electrical devices	IP 40
Opening/closing stroke end	Electronically set
Operating with chain actuators	Selectable
Operating without chain actuators	Selectable
Silicone cable	3x0,5 mm <sup>2</sup> - 2,00 m
Overload protection in Open/close	Supply cut due to power overload
Dimensions (mm)	25,5x25,5x 357
Weight (kg)	0,560

Data provided in these illustrations is not binding and subject to change, even without advanced notice



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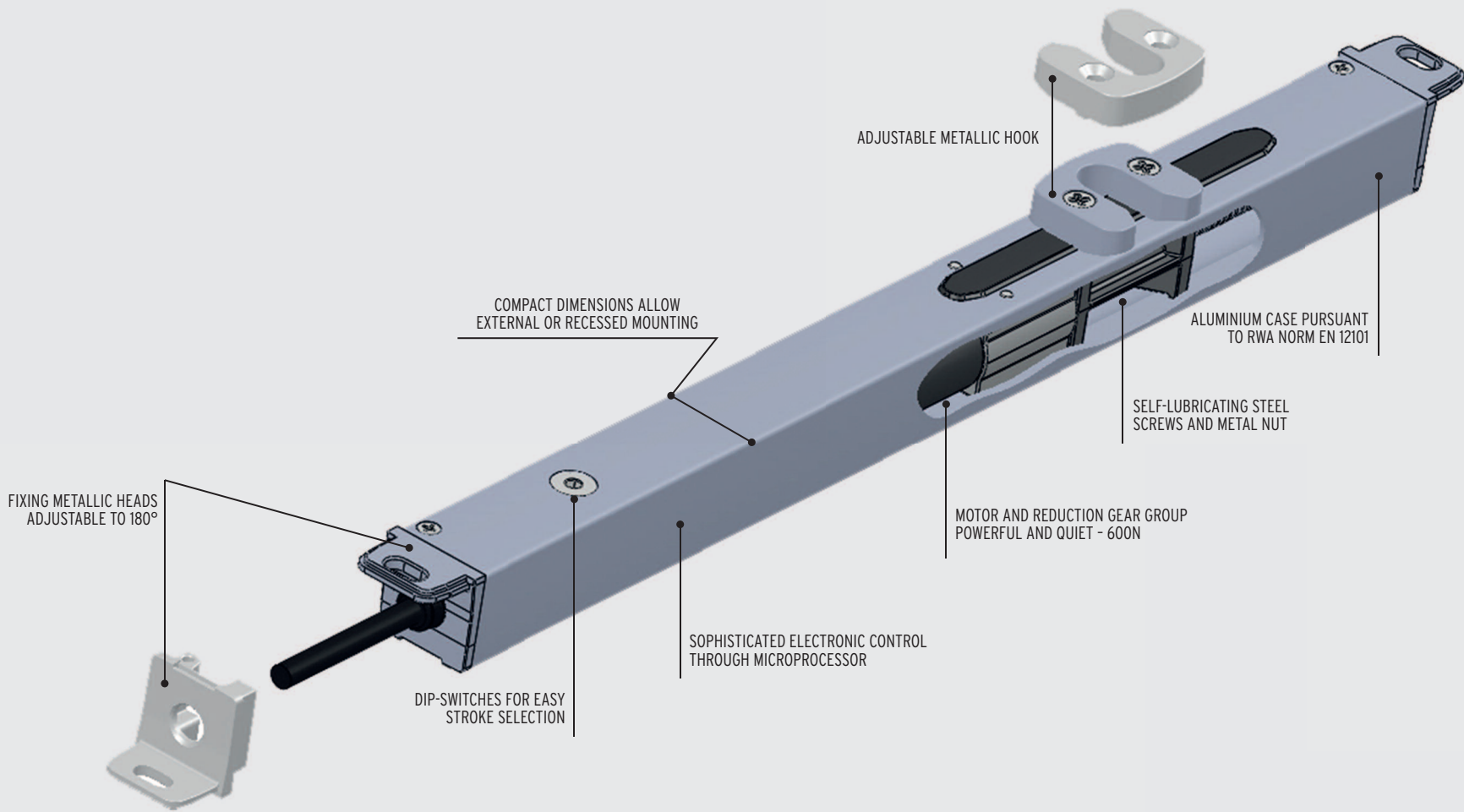
# K-LOCK

## The innovative linear motion electromechanical block...

- **K-LOCK** is the consequence of Nekos renewed technology in automatic window, curtain walls and doors blocking: a high-performances electromechanical block, provided with integrated electronic control for the opening/closing sequence. The K-Lock is intended to be recessed mounted into many aluminium, PVC and wooden profile and into all kind of windows.
- K-LOCK key factors are its **POWER** (600 N while working e 850 N at starting point), which grants high functioning reliability also under severe conditions, low **power consumption** (0,85 A) and quietness.
- **RELIABILITY** tested through 10.000 cycle at maximum load.
- **SAFE**: an accurate design of components, the quality of the material we used, a careful assembly and the functional testing of each single actuator made before delivery, grant high reliability standards.
- Fundamental functions are all integrated into a sophisticated **electronics with microprocessor**. K-LOCK can be used alone or combined with other electromechanical lock and/or with other INKA SYNCRO<sup>3</sup> (NEKOS patented) without any external control units. The integrated control knows in every moment the status of the whole system “window/actuators/closing hardware” and automatically realizes the correct sequence open/close.
- The **BK-LOCK** version can be used **ONLY** in combination with 24V= (DC) KATO and KIMO chain actuators.
- **VERSATILE**: the elegant **aluminium** case characterized by a **simple design** and compact dimensions (25x25mm) allow recessed mounting in many kind of frame and windows (e.g. vasistas, outward...) as well as surface mounting with a minimal visual impact.
- **EASY TO INSTALL**: its small size, which demands minimum changes in the profile, the electronic stroke regulation during opening/closing and the immediate stroke setting through the dip-switches make it a rapid and simple installation product.
- **ANTI-BURGLAR SYSTEM**: Combined with perimetral hardware, with or without INKA chain drives, it constitutes a burglar-resistant system and by reaching the perfect closing of the window grants a high thermal K.
- **MADE IN ITALY**: Nekos designs and builds all its own products, relying on a qualified Italian suppliers’ network. The R&D department within Nekos develops software and hardware components, which are pivotal to all our products.

## TECHNICAL DATA

- Power control over the entire stroke, provided with safe stop if overload occurs.
- Stroke end: electronic opening stroke-end with two openings strokes 18/36 mm selectable through dip-switches.
- The K-LOCK can be connected in parallel with other K-Lock and/or chain drives thanks to **SYNCRO<sup>3</sup>** (Nekos patented) technology, for a maximum of 8 units in total, in compliance with Directive 2004/108 CE (EMC) and 2006/95 CE (B.T.)
- Anodized **Aluminium** case, provided with silicon cable and metallic heads for fixing.



Code	Description
6275006	Electromechanical Lock K-LOCK 24V - Stroke 18/36 mm (for INKA series)
6275008	Electromechanical Lock BK-LOCK 24V - Stroke 18/36 mm (for KATO and KIMO series)