

# action



## LINEAR AND RESIDENTIAL

- ACTION, the result of on-going research and market evolution, fits in very simply and immediately into residential automated systems.
- The choice of a low voltage (only 12V) product is the trump card in this market segment, where maximum safety is required in addition to simplicity.
- Body in die-cast aluminium completely painted with epoxy powder paints.
- Non-reversing capability is guaranteed by a special worm screw.
- The release system with frontal access customised key, allows to free the leaf by two simple manoeuvres.

## THE IMPORTANCE OF DIMENSIONS

- A special patented encoder system with final deceleration, complies with the new European standards on safety in automated systems.

- The control electronics were designed to satisfy all types of applications:
  - Mind B, powered by an integrated 12Vdc -7,2Ah battery, enables the emergency manoeuvre in case of a mains power cut.
  - Mind T, powered by a toroidal transformer, is the ideal solution for gates used more frequently.
- Both the control boards have the same operating logic, and are housed in a container of the same dimensions.

## FIELD OF APPLICATION

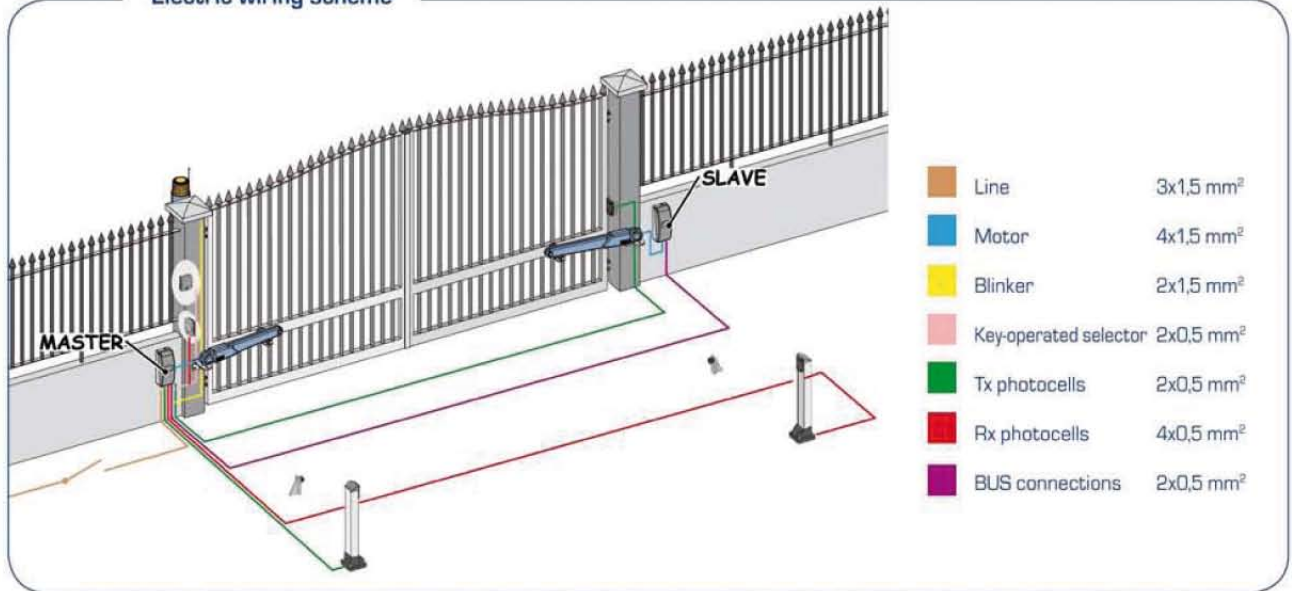
- 12Vdc power supply.
- Thanks to its compact width, it is recommended where there is a little space when the gate is open. This does away with the need to make niches.
- For automating residential swing leafs gates with max. length of 1.8 m and max. weight of 250 kg per leaf.

## DIMENSIONS



Model	Version
Action 01	ACTION linear operator
Master B7	Mind Master control board, battery powered
Slave B7	Mind Slave control board, battery powered
Master T	Mind Master control board, transformer powered
Slave T	Mind Slave control board, transformer powered

## Electric wiring scheme



## Motor technical specifications

Motor [Vdc]	12
Nominal power [W]	48
Max. Leaf Length [m]	1,8
Max. Leaf Weight [Kg]	250
Effective travel [mm]	280
Nominal thrust [N]	400
Protection class	IP44



## ACCESSORIES



**GUARD 12**  
BLINKER 12Vdc  
Without intermittence board



**POWER SUPPLY**  
Power supply 12Vac 800 mA.  
PLEASE NOTE: If there is no energy source on the system (12 Vac 800 mA), a power feeder must be provided for the system.



**SOLAR PANEL**  
A photovoltaic module 12V-25W with 5m cable (H 0,7 RNF 2x1,5mm) and brackets included for the mounting on a pole diameter 35 mm.

## Technical specifications

Technical specifications	MIND B7	MIND T
Power supply	Battery 12 Vdc - 7,2 Ah	Toroidal transformer 230Vac - 12Vac
Absorbed power [VA]		16
Motor max. current [A]		15
Consecutive cycles	10	30
Operating ambient temperature	-20°C +55°C	
Max. load of accessories at 24Vdc [mA]	150	
Function logics	Automatic - Stepped automatic - Safety - Stepped semi-automatic	
Opening/closing time	Self learning	
Pause time	Selectable on 4 levels	
Leaf delay time when opening and closing	Selectable on 4 levels	
Speed adjustment'	Selectable on 4 levels	
Static force adjustment	Selectable on 4 levels	
Slow-down at opening and closing	Self learning	
Anti-crushing function	Encoder - current control	
Protection class	IP44	