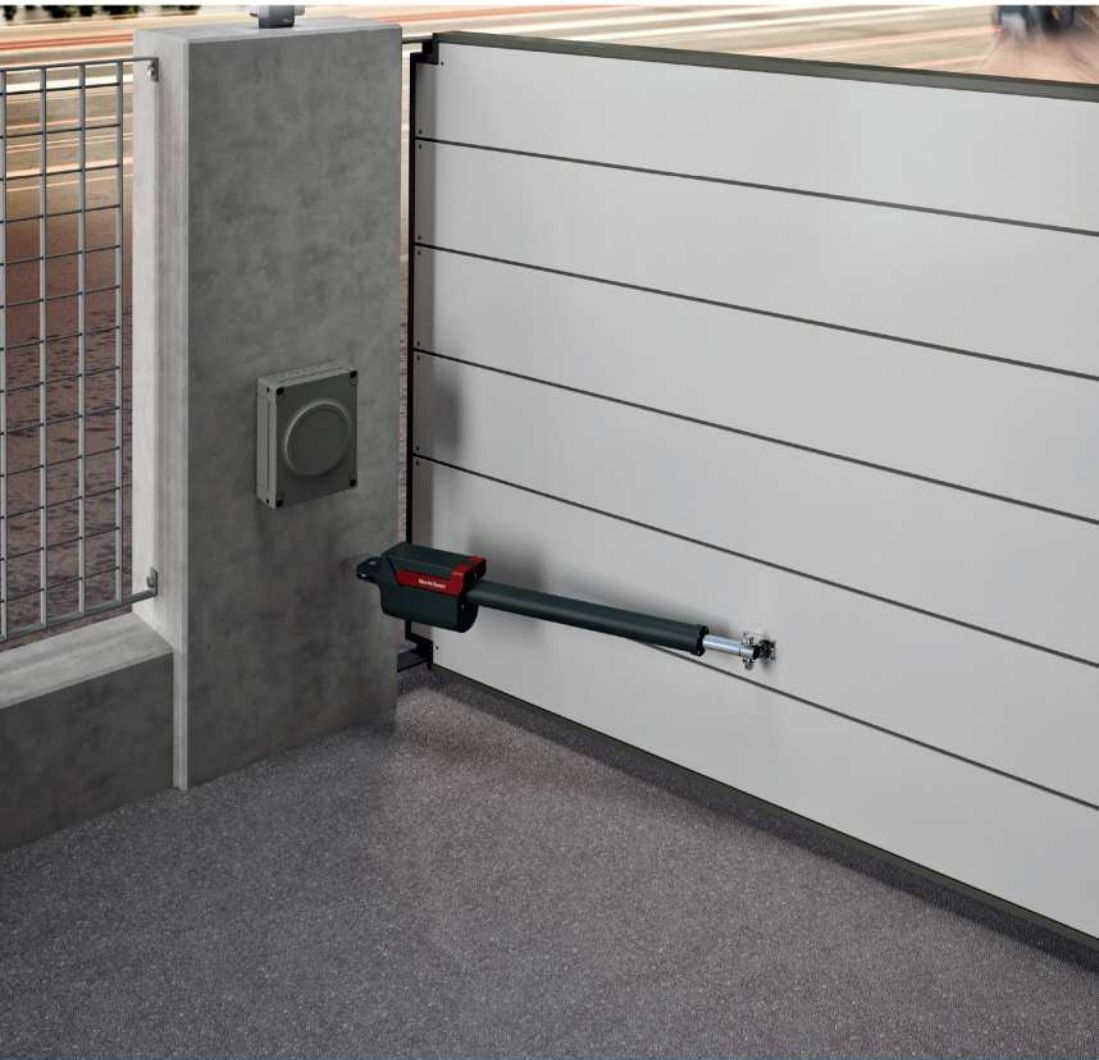




Gate Repair Services

0114633025 0834522015

www.gates.co.za



TITAN HS
Swing Gate Operator

For Gate Motor and Intercom Repairs, or Quotes on New Installations
Call the **National Call Centre** 011 463 3025 today
24 hour emergency 083 452 2015
repairs@gates.co.za / www.gates.co.za

Gate Repair Services

0114633025 0834522015

www.gates.co.za



TITAN HS Swing Gate Operator

EASY ACTION
EMERGENCY
RELEASE
LEVER



Titan Swing Operator Features:

Easy to install, maintain & operate:

- Greater range of mounting positions reduces installation time & effort
- Easy action emergency release lever

Strong & reliable:

- Solidly built for the toughest conditions
- Powerful drive system with intelligent load profiling safety technology
- Designed for low or high traffic applications



Swing Control Unit Features:

Purpose built for Wingo/Titan/Toona Swing gate operators

Proven ET Nice non-battery dependent direct power supply (AC/DC)

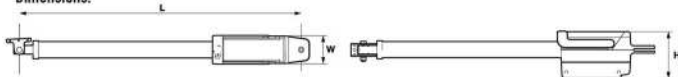
- True battery backup with intelligent battery charger; power only drawn from battery when AC fails allowing for high traffic applications

Full featured control unit with digital display to facilitate easy set-up and status indication

Class leading safety & security:

- Unhackable & uncrackable ET Blu-Mix® remote control technology
- Safety beam tampering alarm, pioneered by ET Nice

Dimensions:

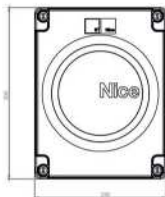
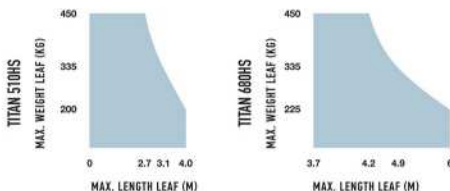


CODE	L MAX (mm)	L MIN (mm)	TRAVEL (mm)	W (mm)	H (mm)
TITAN 510HS	1370	860	510	105	170
TITAN 680HS	1710	1030	680		

TECHNICAL SPECIFICATION

CODE	TITAN 510HS	TITAN 680HS
ELECTRICAL DATA		
POWER SUPPLY (Vdc)		24
CURRENT DRAW (A)	6	7
POWER (W)		150
PERFORMANCE DATA		
ACTUATOR SPEED (mm/s)	27mm/sec	32mm/sec
FORCE (N)		1900
WORKING CYCLE (CYCLES/HOUR)		CONTINUOUS CYCLE
DIMENSIONAL AND GENERAL DATA		
INGRESS PROTECTION (IP)		54
OPERATING TEMP. (°C MIN/MAX)		-20 ÷ +55
DIMENSIONS (mm)	910x105x170 h	1080x105x170 h
WEIGHT (kg)	8	9

The design of the gate and presence of a strong wind can considerably reduce the values shown in the graphs below.



TECHNICAL SPECIFICATION

POWER SUPPLY AT CONTROL BOX	29V AC via independent step down transformer (low traffic applications only) 230V AC (Mandatory for high traffic applications)
POWER CONSUMPTION	< 30W (250Vac)
MOTOR OUTPUT VOLTAGE	24V DC @ 8A peak
AUXILIARY OUTPUT FOR ANCILLARIES (PEAK)	24V DC at 300mA, Automatic electronic overload protection
RATED BATTERY CHARGING VOLTAGE	27.6V DC
OPERATOR COMPATIBILITY	Wingo, Toona, Titan
INTERLEAFING GATE DELAY	Programmable
ANTI-CRUSHING SAFETY SENSING	Electronic load profiling
THIRD PARTY SAFETY DEVICES INPUT	EOL monitored fail safe
MODES OF OPERATION	Standard step-step, Simple auto-close, Complex auto-close
PEDESTRIAN MODE	Programmable open distance and time
AUXILIARY RELAY OUTPUT MODES	Mag-lock, strike-lock, Rx1, courtesy light or alarm
POSITIVE CLOSE MODE	Selectable levels
DEDICATED LOOP DETECTOR / CONDO MODE INPUT	Yes, independent programmable auto-close timer
SOFT START / SOFT STOP	Programmable distance
RECEIVER FORMAT (INCLUDED STANDARD IN KIT)	ET BLU MIX (backward compatible with ET BLUE (Rolling code))
RECEIVER FREQUENCY (INCLUDED STANDARD IN KIT)	433.92MHz
RECEIVER CHANNELS (INCLUDED STANDARD KIT)	4CH1 = BT, CH2 = PED, CH3 = Aux relay, CH4 = Holiday lock-out
RECEIVER MEMORY (INCLUDED STANDARD KIT)	999 x 4 channel users
COMPATIBLE PLUG IN RECEIVERS	Nice SMX1, Nice OXI or ET Nice SMX1
OPERATING TEMPERATURE RANGE	-10 ÷ +50 °C

For Gate Motor and Intercom Repairs, or Quotes on New Installations

Call the **National Call Centre 011 463 3025** today

24 hour emergency 083 452 2015

repairs@gates.co.za / www.gates.co.za