

Titan HS

For rapid operation of swing gates with leafs of up to 3.7 m (TTN3724HS, TTN3724RHS), 6 m (TTN6024HS, TTN6024RHS) or 450 Kg

24 Vdc, electromechanical gear motor, surface mounted, with magnetic encoder.



Quick manoeuvres: 90° opening in about 12* seconds with TTN3724HS and TTN3724RHS or 19* seconds with TTN6024HS and TTN6024RHS.

Reliable: the magnetic encoder ensures the safeguard of set values over time and precise obstacle detection.

Easy to install: electrical connections easily accessible from above, thanks to the dedicated access. Fixing brackets are supplied with the motor.

Versatile: the motor can also be installed in the bottom part of the gate leaf, at a distance of at least 110 mm from the ground.

Practical and safe: easy convenient key release located in the top part of the motor, allowing the gate leaves to be opened and closed manually in the event of a blackout.

Models TTN3724HS and TTN6024HS are compatible with the Moonclever MC824H control unit, while models TTN3724RHS and TTN6024RHS are compatible with the MC824HR control unit **:

- simple programming, by means of a single key;
- automatic memorization of limit switches on opening and closing with self-learning function;
- automatic fault diagnostics;
- programming of pause time;
- pedestrian pass door;
- deceleration on opening and closing;
- obstacle detection with dual technology;
- operation in event of power failure by means of optional rechargeable batteries (PS324);
- provision for connection of latest generation resistive sensitive edges.

* Considering standard installation, excluding acceleration and deceleration.

** Not compatible with the Solemyo solar power kit.



Nice **BiDirectional products** indicate the status of the automations and confirm correct reception of the command.

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Yubii is the new Nice ecosystem that connects all the automations in the home.

Discover all the benefits of the Yubii system on page 168.

COMMON ACCESSORIES



CORE

Nice Wi-Fi-Radio Gateway.

Pc./Pack 1



IBT4N

Interface for connecting the O-View programming unit.

Pc./Pack 1



BIDI-ZWAVE

Plug-in communication interface between Z-Wave™ gateways and Nice motors.

Pc./Pack 1



IT4WIFI

Smart Wi-fi interface to manage gates and garage doors by smart phone (*).

Pc./Pack 1



PS324

24 V battery with integrated battery charger.

Pc./Pack 1



PLA10

Vertical 12 V electric lock (required for gates longer than 3 m).

Pc./Pack 1



PLA11

Horizontal 12 V electric lock (required for gates longer than 3 m).

Pc./Pack 1



TS

Signboard.

Pc./Pack 1



SOLEMYO KIT

The solar power to automate gates, garage doors or barrier gates (not compatible with the MC824HR control unit).

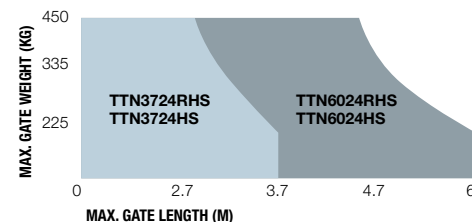
See page 229.

TECHNICAL SPECIFICATIONS

Code	Description	Pack/Pallet
TTN3724HS	Non-reversible, 24 Vdc, fast, with magnetic encoder, for swing gates with leafs of up to 3.7 m or 450 kg	32
TTN3724RHS	Reversible, 24 Vdc, fast, with magnetic encoder, for swing gates with leafs of up to 3.7 m or 450 kg	32
TTN6024HS	Non-reversible, 24 Vdc, fast, with magnetic encoder, for swing gates with leaves of up to 6 m or 450 kg	32
TTN6024RHS	Reversible, 24 Vdc, fast, with magnetic encoder, for swing gates with leaves of up to 6 m or 450 kg	32

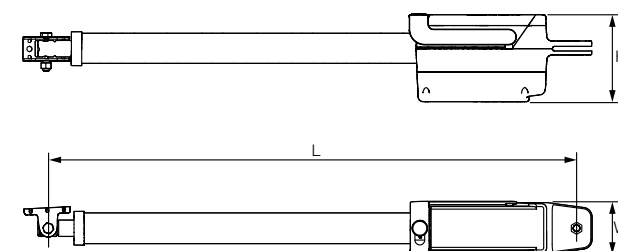
Code	TTN3724HS	TTN6024HS	TTN3724RHS	TTN6024RHS
ELECTRICAL DATA				
Power supply (Vdc)	24			
Absorption (A)	6	7	6	7
Power (W)	150		170	
PERFORMANCE DATA				
Speed (m/s)	>> 0,032 <<	>> 0,027 <<	>> 0,032 <<	>> 0,027 <<
Force (N)	1900			
Work cycle (cycles/hour)	continuous cycle			
DIMENSIONAL AND GENERAL DATA				
Protection level (IP)	54			
Working temp. (°C Min/Max)	-20 ÷ +55			
Dimensions (mm)	910x105x170 h	1080x105x170 h	910x105x170 h	1080x105x170 h
Weight (kg)	8	9	8	9
L max / L min / travel (mm)	1370 / 860 / 510	1710 / 1030 / 680	1370 / 860 / 510	1710 / 1030 / 680
WxH (mm)	105x170			

UTILISATION LIMITS



The shape, the height of the gate and the weather conditions can considerably reduce the values shown in the graph to the side.

DIMENSIONS



COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

Code	control unit/receiver							transmitter					photocells								flashing light						
	MC200 / Built-in*	MC800 / OX180 / OX1LR	DPR0500 / OX180 / OX1LR	DPR0624 / OX180 / OX1LR	MC424L / Built-in* / OX180 / OX1LR	MC824H / OX180 / OX1LR	MC824HR / OX180 / OX1LR	ERA INT1	ERA ONE	ERA ONE BD	ERA ONE LR	ERA FLOR	NICEWAY	EPS	EPM	EPL	EPSB	EPMB	EPLB	EPMOV	F210	FT210	F210B	FT210B	ELAC	ELDC	WLT
TTN3724HS						•	•	•	•	•	•	•	•				•	•	•	•					•	•	•
TTN3724RHS							•	•	•	•	•	•	•				•	•	•	•					•	•	•
TTN6024HS						•		•	•	•	•	•	•				•	•	•	•					•	•	•
TTN6024RHS							•	•	•	•	•	•	•				•	•	•	•					•	•	•

* Radio receiver incompatible with Opera system

* Not compatible with the Solemyo kit and PS324

For swing gates
Hi-Speed series

For sliding gates

Barrier gate
operator systems

For garage
and industrial doors

Control systems
and accessories

Compatibility table
and alphabetical index