


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.

Discover the complete range of BiDirectional products on page 176.

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

Discover all the benefits of the Yubii system on page 170.

COMMON ACCESSORIES



CORE

Nice Wi-Fi-Radio Gateway.

Pc./Pack 1



IBT4N

Interface for connecting the O-View programming unit.

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.

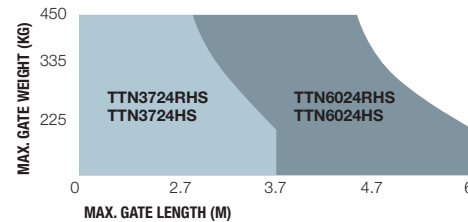
* Not compatible with the Solemyo kit and PS324

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 |

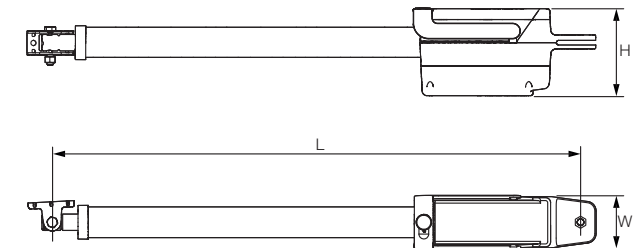
| Code | TTN3724HS | TTN6024HS | TTN3724RHS | TTN6024RHS |
|-------------------------------------|------------------|-------------------|------------------|-------------------|
| ELECTRICAL DATA | | | | |
| Power supply (Vdc) | 24 | | | |
| Absorption (A) | 6 | 7 | 6 | 7 |
| Power (W) | 150 | | 170 | |
| 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 / OX1 / OX1BD / OX1LR | DPR0600 / OX1 / OX1BD / OX1LR | DPR0624 / OX1 / OX1BD / OX1LR | MC424L / Built-in* / OX1 / OX1BD / OX1LR | MC824H / OX1 / OX1BD / OX1LR | MC824HR / OX1 / OX1BD / OX1LR | ERA INTI | ERA ONE | ERA ONE BD | ERA ONE LR | ERA FLOR | NICEWAY | EPS | EPM | EPL | EPSB | EPMB | EPLB | EPMOW | F210 | F210 | F210B | F210B | ELAC | ELDC | WLT |
| TTN3724HS | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TTN3724RHS | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TTN6024HS | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TTN6024RHS | | | | | | | | | | | | | | | | | | | | | | | | | | | |

* Radio receiver incompatible with Opera system

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