

automation systems

electromechanical drive for garage doors
DTM GO800



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Radio
Receivers

Remotes

Gate
Controllers

Gate
Automation
Accessories

Gate
Motors

Access
Control



**RELIABLE
AND HIGHEST
QUALITY**

**LIFTING
FORCE
800N**



**BUILT-IN
SAFETY
MECHANISMS**

**GO
800**

- a force control system that guarantees simple programming and a high level of security
- interface with LED display and programming menu
- airing function
- auto-closing function after time
- programmable reaction of the photocell input
- wall switch input

DTM GO800 is a comfortable and fast garage door drive. It guarantees quiet, smooth and reliable operation for many years. It is characterized by numerous functions to meet the requirements of each user. Thanks to the built-in LED lamp, the garage is evenly illuminated and the integrated radio receiver ensures quick and convenient opening of the gate with a remote control. The drive is designed for installation in overhead and sectional garage doors.



GO 800

electromechanical drive
for garage doors

▶ Basic parameters

| | |
|--|---|
| power supply: | 230VAC / 50Hz ±10% |
| power consumption: | 1A / 0,04 A |
| fuse: | 3A (dimensions 6,3x32mm) |
| protection class: | IP-20 |
| work intensity: | 15% (9 cycles per hour) |
| working temperature: | -20°C to +50°C |
| running rail length with drive and handle: | 3440 mm, folding elements |
| trolley drive mechanism: | flexible timing belt, fatigue resistant, wear resistant |
| maximum stroke: | 2650mm |
| maximum lifting force: | 800N |
| maximum door surface: | 12,6m ² |
| maximum gate width: | 5000 mm |

▶ Executive elements

| | |
|---------------------------------------|--|
| accessory power output: | +24VDC max. 100mA |
| wall button control: | NO type input, operation only in SBS mode |
| input for safety devices: | NC type |
| auto-closing time: | max. 9min. with a resolution of 1min and a countdown of the last 9s on the display |
| built-in signaling and lighting lamp: | LED, lighting time 4min. from the last move |

▶ Radio control parameters

| | |
|----------------------------------|--|
| frequency: | in the DTM433MHz version - 433MHz, in the DUO version - 433MHz and 868MHz |
| radio module: | integrated, superheterodyne |
| transmission protection: | in DTM433MHz version - 64-bit KeeLoq®, in DUO version - 64-bit KeeLoq® and 104-bit IRS |
| modulation type, frequency: | in the DTM433MHz - OOK version, in the DUO - OOK and FSK version |
| antenna: | internal |
| remote controls memory capacity: | 150 DTM433MHz series remotes, DUO version additionally DTM868MHz remotes |

▶ Functional parameters

| | |
|---|--|
| User Interface: | based on a seven-segment LED display and four buttons |
| controller: | with integrated radio receiver |
| programming the controller: | two modes - automatic and semi-automatic with manual force correction 0-30% |
| possibility of manual opening / closing and locking the gate: | yes |
| additional door locking required: | no, the drive is self-locking |
| security: | meets the requirements of the restrictive European standard PN-EN 12453: 2002 in the field of safe use of motorized gates |
| driver force programming: | precise electrical parameters selected during learning ensure fast, quiet and safe work |
| built-in security mechanisms: | anti-crush mechanism - when the actuator meets resistance, it immediately changes its direction of movement |
| possibility of connecting other safety devices: | yes, NC type input for a photocell, sensitive edge, etc. |
| safety input operation modes: | stop or reverse when closing, stop or 100mm retraction when opening |
| button control: | yes, in SBS mode |
| radio control from the remote control: | selecting the function for the button at the stage of programming the remote control for the receiver: open, close, step by step, close after time, airing |
| the ability to erase the entire memory: | yes |
| possibility to delete a single remote control: | yes, the need to have a remote to be removed |
| the ability to enter the remote control without access to the controller: | yes, the remote assigning function |
| blockade of remote adding: | yes |
| Galactic function: | yes, for DTM868MHz series pilots |
| "jump back" function: | yes, relieving the gate after closing |
| partial opening of the gate: | yes, airing function |