

# Comfort 390 plus



## Article

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Item no.	Description
167477	<b>Comfort 390 plus</b> Set for garage doors up to 240 kg: 24 V-DC motor, 1.200 N, 16 cm/s

## Scope of delivery

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- Motor unit with integrated control
- External connection housing with 2 relays, track control and 24 V-DC switching power supply unit
- Universal installation set for up-and-over and sectional doors
- MS-Bus connection cable, 9,500 mm
- Mains connection cable, 9,500 mm
- Mains connection cable with Schuko plug type F, 1,200 mm

## Features

### Comfort 390 plus

#### Features

- External connection housing with connections for wicket door, closing edge safety device, lighting, signal lights, lane control and with relay
- Operating keys and emergency stop push button integrated in housing cover
- Top-hat rail with pre-mounted power supply unit
- Supply of accessories with 230 V-AC/6 A and 24 V-DC/2.5 A
- DC motor: soft start and stop are gentle on the door, separately adjustable opening and closing speeds enable fast opening and standard-compliant closing

- Integrated control with illuminated LC display and easy programming
- Powerful DC gearmotor with high self-locking for gates up to 6.0 m wide and 240 kg weight
- Battery backup can be integrated in the housing

## Features functions

- Power-saving technology
- Soft start/soft stop/soft run
- Electronic anti-deferral device
- Blocking protection
- Runtime limit
- Reversal of direction of rotation programmable
- Backjump (relief of the closing edge)
- Automatic feed function (can only be used in conjunction with a light barrier)
- Intermediate position OPEN and CLOSED separately programmable
- Gate travel speed OPEN and CLOSE separately programmable
- Soft run position OPEN and CLOSE separately programmable
- Soft run speed OPEN and CLOSE separately programmable
- Frame function (blanking of frame light barriers)
- Programmable impulse input and output
- Cycle counter
- Maintenance interval programmable
- Error signaling with error memory
- Multi-level reset function (control, safety, radio, etc.)

## Features end position adjustment

- Electronic limit stop

## Features operation

- Marantec EOS programming
- Programming and status message via LC display
- Programming and diagnostics possible via optional external handheld programmer
- Programming and diagnostics possible via maveo pro by smartphone app

## Features structure and connection

- Connection (conventional) for 8.2 kOhm contact strip or OSE opto-sensors
- Connection (conventional) for signal light 230 V-AC
- 2 programmable relay contacts for e.g. end position messages
- 2 inputs for push buttons and 4 relay contacts for traffic lights for two-way traffic control
- 2 inputs for push buttons and 2 relay contacts for signal lights for special functions for two-way traffic control
- Switching power supply 24 V-DC max. 2.5 A with 2 outputs
- Connection (conventional) for push button, light barrier and holding circuit
- Pluggable radio receiver
- Connection (MS bus) for handheld programmer and expansion modules
- Connection for battery backup

## Use

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### Comfort 390 plus

Comfort 390 plus	
Width overhead doors (max.) [m]	6
Width of tipping and canopy gates (max.) [m]	6
Height of tilt and canopy gates (max.) [m]	2.25
Width of single-wall sectional doors (max.) [m]	6
Width of double-walled sectional doors (max.) [m]	6
Gate weight (max.) [kg]	240

### Technical data

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### Comfort 390 plus

- Overload protection: Shutdown via current consumption
- Continuous sound pressure level (max.)[ dB(A)]: 70
- Connection type: Pluggable
- Illuminant: Without
- Protection class: IP20
- Protection class: II
- Width overhead doors (max. )[m]: 6
- Width of tipping and canopy gates (max.)[m]: 6
- Width of single-wall sectional doors (max.)[m]: 6
- Width of double-walled sectional doors (max.)[m]: 6
- Height of tilt and canopy gates (max.)[m]: 2.25
- Gate weight (max. )[kg]: 240
- Temperature (min. )[°C]: -20
- Temperature (max. )[°C]: 60
- Temperature (min./max. )[°C]: -20/60
- Temperature (min. )[°F]: -4 °F
- Temperature (max. )[°F]: 140 °F
- Luftfeuchtigkeit (max., nicht kondensierend)[ %]: 93
- Push and pull force (max. )[N]: 1,200
- Nominal push and pull force (max. )[N]: 360
- Cycles per hour (max.)\*: 18
- Cycles per day (max.): 300
- Running speed (max. )[cm/s]: 16
- Operating voltage [V]: 230 V/1~
- Operating voltage type: Alternating current
- Nominal frequency [Hz]: 50/60
- Motor voltage [V]: 24 V-DC

- Control voltage [V]: 24 V-DC
- Rated current [A]: 1.1
- Power consumption [VA/W/kW]: 0.25 kW
- Power consumption in standby [VA/W/kW]: 3.5 W
- Width [mm]: 360
- Height [mm]: 135
- Depth [mm]: 335
- Weight [kg]: 5
- Garantie: 5 years

## Accessories

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Item no.	Description
177208	<b>SZ 11</b> Opener rail for garage door openers, 3.08 m profile length, 0.8 mm thickness, toothed belt, 2-piece
177214	<b>SZ 11</b> Opener rail for garage door openers, 3.08 m profile length, 1.2 mm thickness, ball bearing, toothed belt, 2-piece
151050	<b>Ceiling pull switch</b> with slow action and 3.5 m pull rope
184190	<b>MSC-APZ 1-2T/1</b> Key switch for surface installation, 2-sided momentary contact, metal housing, IP54, 3 keys
81076	<b>Command 802</b> RFID transponder system with 30 memory locations, consisting of: Evaluation unit with reader module, IP54, 2 m cable and 3 transponder code cards
165748	<b>Digital 713</b> 2-channel universal receiver with 2,000 memory locations and 2 relays, 24 V, IP20, unidirectional, 868 MHz DM7S
102053	<b>Digital 179</b> module antenna and magnetic base antenna with 5 m cable, uni-directional, 868 MHz Multi-Bit
101185	<b>Digital 941</b> Module receiver with 200 memory locations and magnetic base antenna with 5 m cable, bidirectional, 868 MHz bi.linked
97725	<b>Special 630 with installation bracket set</b> Through beam photoelectric sensor with 8 m range, 2-wire, IP54, with installation brackets, with 10 m cable
116025	<b>Wicket door contact for installation</b> with 5 m cable, conventional, 8.2 kOhm, for installation in the frame, complies with DIN EN 13849-1 Pl c cat 2.

## Technical drawings

### Comfort 390 plus





