

# Comfort 270



## Article

| Item no. | Description                                                                         |
|----------|-------------------------------------------------------------------------------------|
| 196005   | <b>Comfort 270</b> Set for garage doors up to 165 kg: 24 V-DC motor, 750 N, 16 cm/s |

## Scope of delivery

- Motor unit with integrated control
- Digital 168 Module antenna, 868 MHz Multi-Bit
- Digital 382 Mini hand transmitter 2-channel, 868 MHz Multi-Bit
- Universal installation set for up-and-over and sectional doors
- Mains cable with Euro plug type C, 1,500 mm

## Features

### Comfort 270

#### Features

- Compact operator, the length of which can be reduced by 143 mm when rotated 90°
- 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
- Connections for push button, light barrier, wicket door contact, battery backup and expansion boards for retrofitting additional functions

#### Features functions

- Power saving technology blueline

- 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 push button, light barrier and holding circuit
- Pluggable radio receiver
- Connection (MS-Bus) for expansion boards (boards can be integrated)
- Connection (MS bus) for handheld programmer and expansion modules
- Connection for battery backup
- Output 24 V-DC, max. 50 mA

## **Digital 168**

### **Features**

- IMPULSE function
- Directly pluggable into the control system
- Compact size

## **Digital 382**

### **Features**

- 2 function keys for free assignment

- Signaling by red LED
- Eyelet for attachment to keychain or lanyard
- Simple and direct copying of a hand transmitter key to another hand transmitter by means of plug-in contacts

## Use

---

### Comfort 270

|                                                   | Comfort 270 |
|---------------------------------------------------|-------------|
| Width overhead doors (max.) [m]                   | 5           |
| Width of tipping and canopy gates (max.) [m]      | 5           |
| Height of tilt and canopy gates (max.) [m]        | 2.25        |
| Width of single-wall sectional doors (max.) [m]   | 5.5         |
| Width of double-walled sectional doors (max.) [m] | 5.5         |
| Gate weight (max.) [kg]                           | 165         |

### Digital 168

- For Comfort 260 (accu/speed), 270 (speed), 280, 360, 370, 380, 390 (plus), Control x.52, VTA and CS 265

### Digital 382

- For all Marantec controls and third-party products (in conjunction with corresponding Multi-Bit receiver)

## Technical data

---

### Comfort 270

- Overload protection: Shutdown via current consumption
- Continuous sound pressure level (max.) [dB(A)]: 70
- Connection type: Pluggable
- Illuminant: 8 LED module
- Protection class: IP20
- Protection class: II
- Width overhead doors (max.) [m]: 5
- Width of tipping and canopy gates (max.) [m]: 5
- Width of single-wall sectional doors (max.) [m]: 5.5
- Width of double-walled sectional doors (max.) [m]: 5.5
- Height of tilt and canopy gates (max.) [m]: 2.25
- Gate weight (max.) [kg]: 165
- Temperature (min.) [°C]: -20
- Temperature (max.) [°C]: 60
- Temperature (min./max.) [°C]: -20/60

- Temperature (min.)[°F]: -4 °F
- Temperature (max.)[°F]: 140 °F
- Humidity (max., non-condensing)[%]: 93
- Push and pull force (max.)[N]: 750
- Nominal push and pull force (max.)[N]: 225
- Cycles per hour (max.): 4
- Cycles per day (max.): 28
- 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]: 0.1 W
- Time to readiness [min]: 1-5
- Width [mm]: 190
- Height [mm]: 125
- Depth [mm]: 360
- Weight [kg]: 3.5
- Garantie: 5 years

## Digital 168

- Channels: 1
- Antenna: Wire antenna
- Radio frequency: 868 MHz
- Radio technology: Multi-Bit
- Radio coding: Marantec
- Communication direction: Unidirectional
- Connection type: Pluggable
- Protection class: IP00
- Temperature (min.)[°C]: -20
- Temperature (max.)[°C]: 60
- Temperature (min./max.)[°C]: -20/60
- Temperature (min.)[°F]: -4
- Temperature (max.)[°F]: 140
- Operating voltage [V]: 5 V-DC
- Rated current [A]: 0.002
- Width [mm]: 23
- Height [mm]: 7.7
- Depth [mm]: 48.4
- Packing width: 60
- Packing height: 10

- Packing depth/length: 150
- Packing weight: 0.007
- Freight forwarding articles: No
- GTIN: 4062434001202
- Customs tariff number: 85269200
- Country of origin 1000: Deutschland
- Garantie: 2 years

## Digital 382

- Housing type: Mini
- Number of freely programmable keys: 2
- Channels: 2
- Antenna: Integrated
- Radio frequency: 868 MHz
- Radio technology: Multi-Bit
- Radio coding: Marantec
- Communication direction: Unidirectional
- Color: RAL 7011 RAL 7016
- Temperature (min.)[°C]: -20
- Temperature (max.)[°C]: 60
- Temperature (min./max.)[°C]: -20/60
- Temperature (min.)[°F]: -4
- Temperature (max.)[°F]: 140
- battery type: CR2032, 3 V
- Battery count: 1
- Width [mm]: 39
- Height [mm]: 86
- Depth [mm]: 12
- Weight [kg]: 0.02
- Packing width: 56
- Packing height: 52
- Packing depth/length: 101
- Packing weight: 0.066
- Freight forwarding articles: No
- GTIN: 4062434003800
- Customs tariff number: 85269200
- Country of origin 1000: Deutschland
- Garantie: 2 years

## Accessories

---

| Item no. | Description                                                                                                                                                            |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 189602   | <b>maveo connect stick</b> Plug & Play WiFi adapter for garage door, swing door and sliding door openers                                                               |
| 177208   | <b>SZ 11</b> Opener rail for garage door openers, 3.08 m profile length, 0.8 mm thickness, toothed belt, 2-piece                                                       |
| 177210   | <b>SZ 12</b> Opener rail for garage door openers, 3.33 m profile length, 0.8 mm thickness, toothed belt, 2-piece                                                       |
| 177212   | <b>SZ 13</b> Opener rail for garage door openers, 4.09 m profile length, 0.8 mm thickness, toothed belt, 2-piece                                                       |
| 165103   | <b>Digital 392</b> 2-channel micro hand transmitter, unidirectional, 868 MHz Multi-Bit                                                                                 |
| 122459   | <b>Digital 384</b> 4-channel mini hand transmitter, unidirectional, 868 MHz Multi-Bit                                                                                  |
| 122419   | <b>Digital 382</b> 2-channel mini hand transmitter, unidirectional, 868 MHz Multi-Bit                                                                                  |
| 161310   | <b>Command 133</b> 2-channel radio indoor push button, unidirectional, 868 MHz Multi-Bit                                                                               |
| 69533    | <b>Command 231</b> 4-channel wireless code keypad with 3 permanent PINs, one temporary PIN, a light button, and a protective cover, uni-directional, 868 MHz Multi-Bit |
| 189602   | <b>maveo connect stick</b> Plug & Play WiFi adapter for garage door, swing door and sliding door openers                                                               |
| 192584   | <b>maveo connect stick Basic Bundle</b> maveo connect stick and light barrier Special 630 in a set                                                                     |

## Predecessors

| Item no. | Description                                                                         | Discontinuation |
|----------|-------------------------------------------------------------------------------------|-----------------|
| 183532   | <b>Comfort 270</b> Set for garage doors up to 165 kg: 24 V-DC motor, 750 N, 16 cm/s |                 |
| 183508   | <b>Comfort 270</b> Set for garage doors up to 165 kg: 24 V-DC motor, 750 N, 16 cm/s |                 |

## Technical drawings

---

## Comfort 270



