marantec
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Comfort 280

Article

Item no.	Description
196006	**Comfort 280** Set for garage doors up to 200 kg: 24 V-DC motor, 1.000 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 280

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 280

	Comfort 280
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]	200

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 280

- 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]: 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]: 200
- 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]: 1,000
- Nominal push and pull force (max.) [N]: 300
- Cycles per hour (max.)*: 6
- Cycles per day (max.): 48
- 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]: 3.8
- 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: 0
- Packing height: 0

- Packing depth/length: 0
- 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

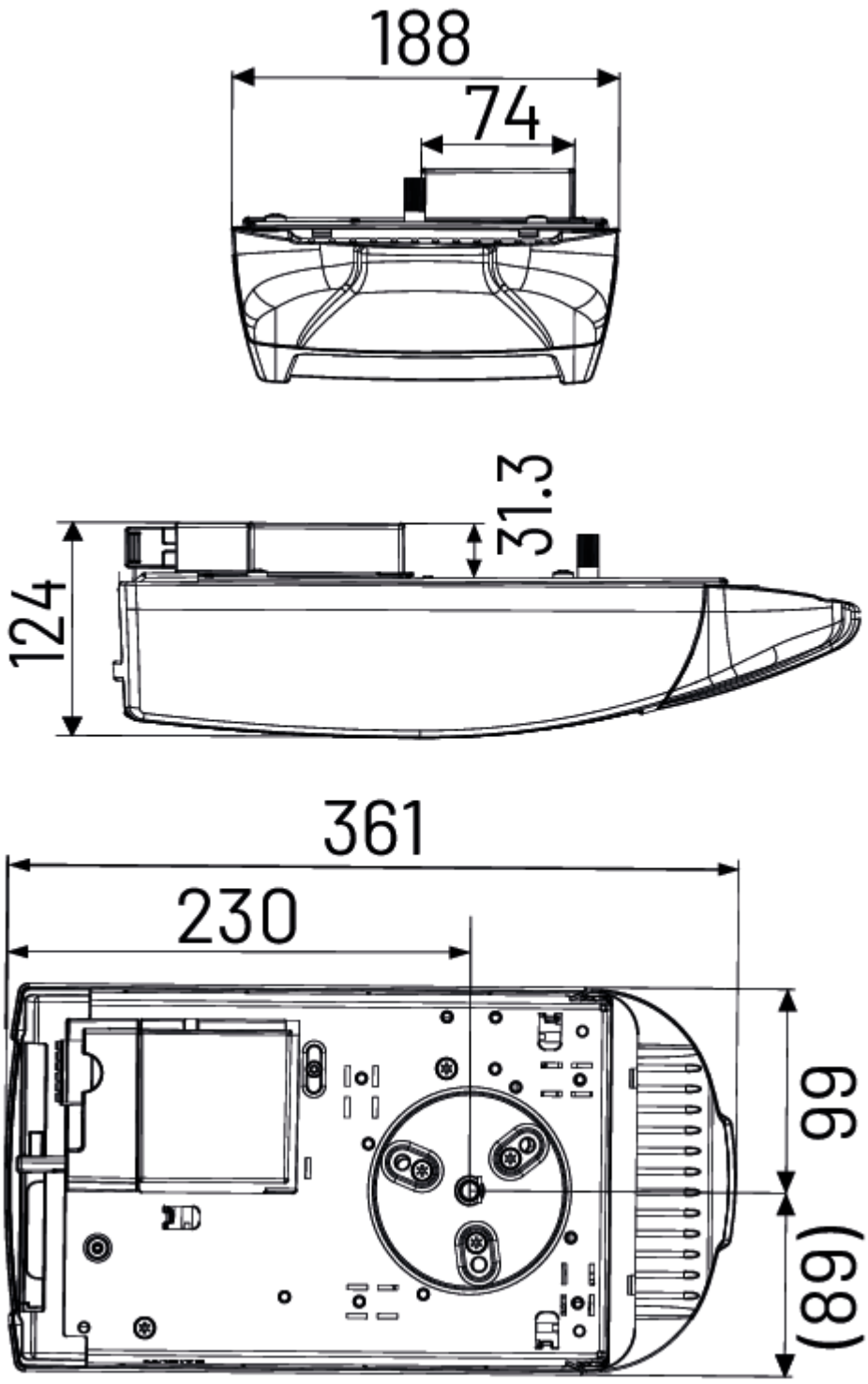
Item no.	Description
177208	**SZ 11** Opener rail for garage door openers, 3.08 m profile length, 0.8 mm thickness, toothed belt, 2-piece
177210	**SZ 12** Opener rail for garage door openers, 3.33 m profile length, 0.8 mm thickness, toothed belt, 2-piece
177212	**SZ 13** Opener rail for garage door openers, 4.09 m profile length, 0.8 mm thickness, toothed belt, 2-piece
165103	**Digital 392** 2-channel micro hand transmitter, unidirectional, 868 MHz Multi-Bit
122459	**Digital 384** 4-channel mini hand transmitter, unidirectional, 868 MHz Multi-Bit
122419	**Digital 382** 2-channel mini hand transmitter, unidirectional, 868 MHz Multi-Bit
161310	**Command 133** 2-channel radio indoor push button, unidirectional, 868 MHz Multi-Bit
69533	**Command 231** 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	**maveo connect stick** Plug & Play WiFi adapter for garage door, swing door and sliding door openers
192584	**maveo connect stick Basic Bundle** maveo connect stick and light barrier Special 630 in a set

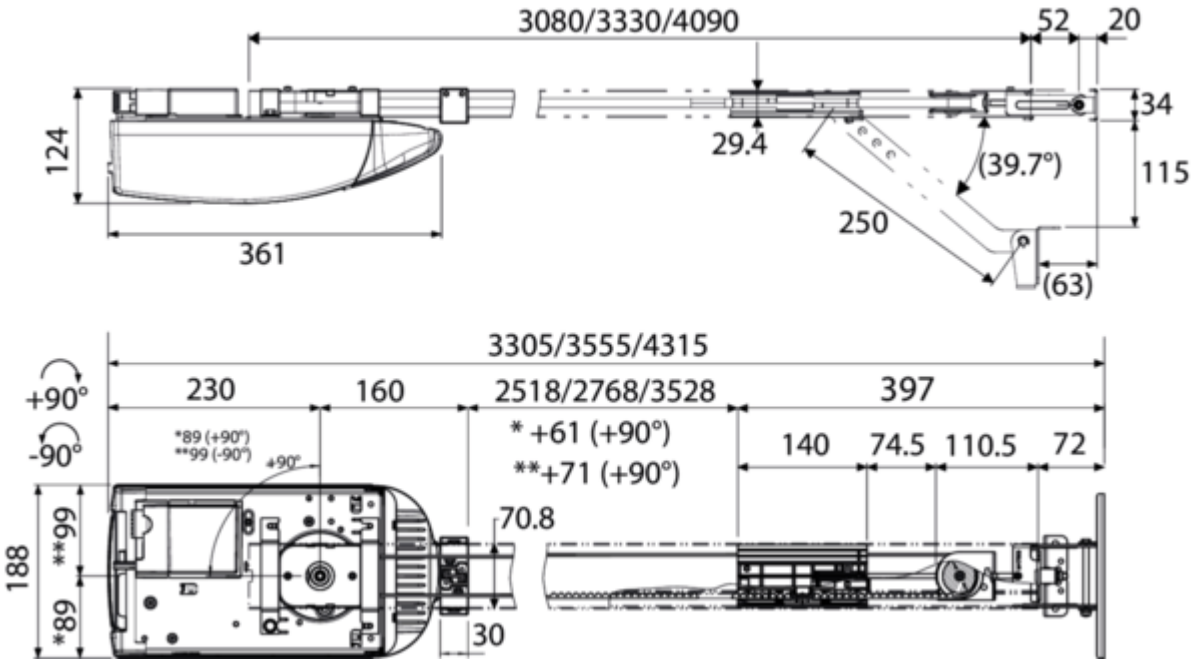
Predecessors

Item no.	Description	Discontinuation
183509	**Comfort 280** Set for garage doors up to 200 kg: 24 V-DC motor, 1.000 N, 16 cm/s	

Technical drawings

Comfort 280




3080/3330/4090
52
20
34
124
29.4
(39.7°)
115
250
361
(63)

3305/3555/4315
+90°
-90°
230
160
2518/2768/3528
397
*89 (+90°)
**99 (-90°)
+90°
* +61 (+90°)
**+71 (+90°)
140
74.5
110.5
72
188
**99
*89
70.8
30