

# Comfort 560

Opener systems for swing gates

1  
Swing gate openers



## Comfort 560

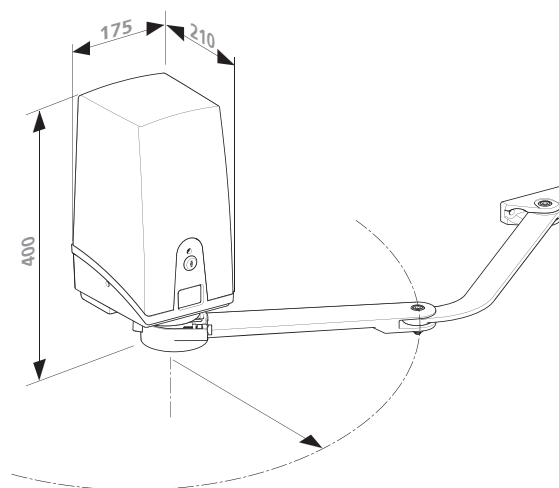
2  
Sliding gate openers

Article	Article no.	Price each
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Articulated arm opener Comfort 560 single-wing version	101 070	
double-wing version	101 071	
double-wing version with accessories as a set in one box	C560SET	

## Dimensioned drawing

Comfort 560



3  
Radio accessories

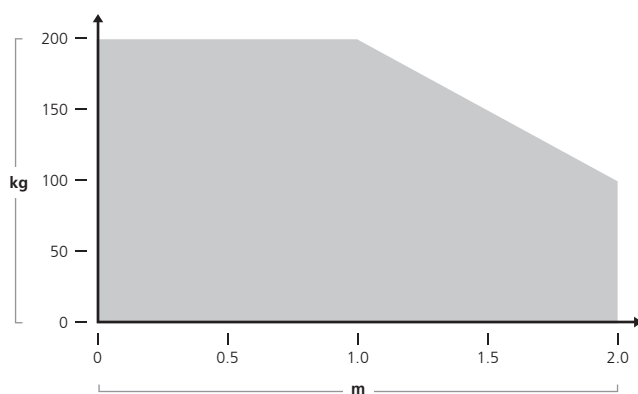
## Package

- First and second motor unit with integrated control unit Control x.52
- Digital 941 module receiver with magnet stand aerial, 868 MHz bi-linked
- Digital 663 mini hand transmitter 3-channel, 868 MHz bi-linked
- Fittings and articulated arm
- Mounting material

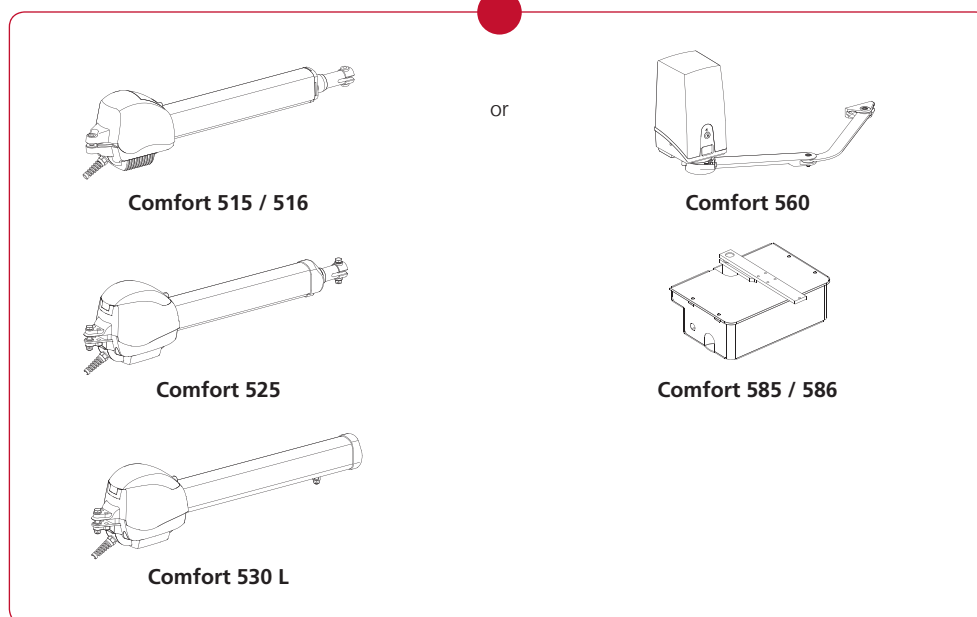
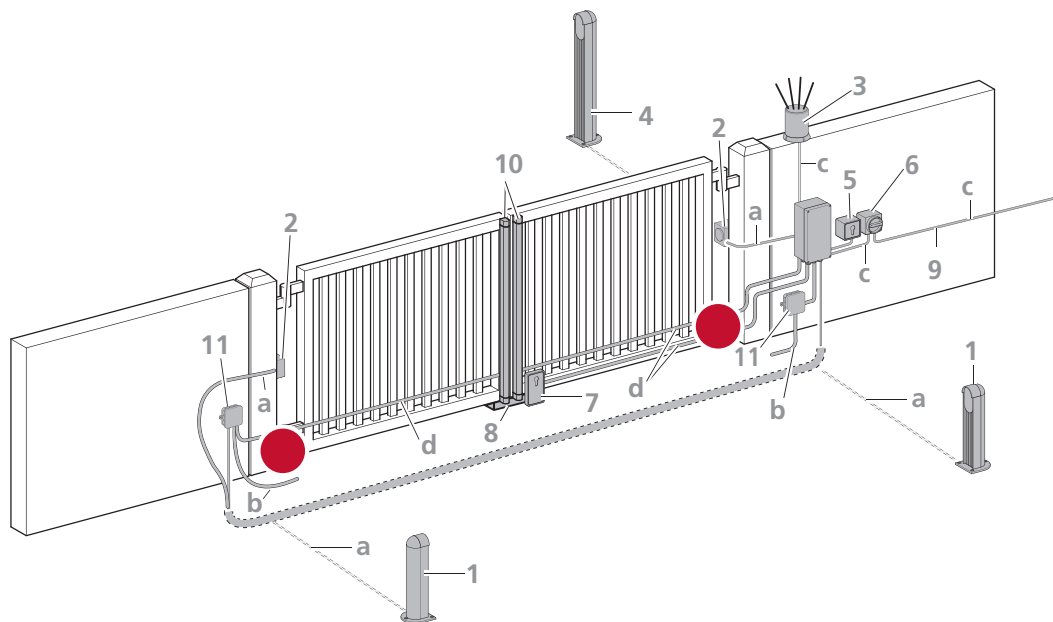
4  
General accessories

- C560SET additionally:
- Special 633 one-way photocell with connecting cable, 20,000 mm
  - Control 950 signal light LED yellow with wall support

## Diagram of wing weights and wing widths



● Comfort 560



### Available accessories

- 1 Photocell inside, e.g. Special 609
- 2 Photocell outside, e.g. Special 633
- 3 Signal light 230 V AC or 24 V DC
- 4 Post with command unit, e.g. Command 312
- 5 Key switch, e.g. Command 414
- 6 Main switch, all-pole breaking
- 7 Electrical lock, e.g. Special 403
- 8 Stop plate, e.g. Special 404
- 9 Mains cable
- 10 Closing edge safety device passive or active, e.g. Protect-Contact 700
- 11 Junction box

### Cabling

- a 2 x 0.5 mm<sup>2</sup>
- b Comfort 515 – 2 x 0.75 mm<sup>2</sup>  
Comfort 516, 525, 530 L, 585, 586 – 6 x 0.75 mm<sup>2</sup>  
Comfort 560 – 8 x 0.75 mm<sup>2</sup>
- c 3 x 1.5 mm<sup>2</sup>
- d 2 x 0.75 mm<sup>2</sup>

With the opener system Comfort 560 all accessories will be connected to the integrated control unit of one of the motor units. Detailed information can be found in the manual of the opener system.

Comfort 560

Comfort 585

Comfort 586

### Application

		Comfort 560		Comfort 585	Comfort 586
Wing width (max.)	mm	2,000			3,000
Wing height (max.)	mm	2,000		–	
Wing weight (max.)	kg	200	250	600	
Gradient (max.)	%	0			
e-measurement	mm	0 to +250		–	

For stability purposes of the closed gate wings we recommend to install a mechanical stop.

The gate details listed above are not binding recommendations for easily movable gates; at higher wind loads the wind and drive moments must be checked, adapted and expanded with additional safety devices, if necessary.

\* Gradient only in combination with optional accessories.

### Mechanical details

Push and pull force (max.)	N	–			
Torque (max.)	Nm	120	250	300	
Door travel speed (max.)	mm/s	15 to 20			
Opening angle (max.)	°	115	110		
Opening time (gate-specific)	s	15 to 25	18		
Length of travel	mm	–			

### Electrical details

Nominal voltage	V	230			
Nominal frequency	Hz	50			
Power consumption	A	3.2			
Power input in operation (approx.)	kW	0.4			
Power input in stand-by (approx.)	W	3,2			
Operation mode (duty cycle)		S2 – 5 min			
Motor voltage	V DC	24			
Control voltage	V DC	24			
Protection category motor unit	IP	44	67		
Protection category control unit	IP	–	65		
Protection class		I			

### General details

Weight motor unit (approx.)	kg	9.9	29.0		
Weight control unit (approx.)	kg	–	2.9		
Range of temperature motor unit	°C	–20 to +60			
Range of temperature control unit	°C	–20 to +60			

1

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2

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3

Radio accessories

4

General accessories

	Comfort 560	Comfort 585	Comfort 586
<b>Features</b>			
Economy mode	•	•	•
Contact-free limit switches			
Reference point technology	•	•	•
Soft start/soft stop/soft run	•	•	•
Electronic push-open security	•	•	•
Excess travel stop	•	•	•
Lockable emergency release (accessible from outside)	•	•	•
Integrated environment lighting	•		
Integrated evaluation 8,2 kΩ	•	•	•
Marantec EOS programming	•	•	•
Programming and status indication via LED			
Programmierung und Programming and status indication via LC display	•	•	•
Direction of rotation programmable	•	•	•
Automatic closing function (only usable in combination with photocell)	•	•	•
Door open duration and warning time programmable			
Lighting duration programmable	•	•	•
Lighting switchable via radio	•	•	•
Automatic cut-out OPEN and CLOSE separately programmable	•	•	•
Walk-in wing function programmable (double-wing systems)	•	•	•
Partial opening programmable (single-wing systems)			
Gate travel speed OPEN and CLOSE separately programmable	•	•	•
Soft run position OPEN and CLOSE separately programmable			
Soft run speed OPEN and CLOSE separately programmable	•	•	•
Relay output programmable: signal light, gate position OPEN or CLOSE, wiping impulse (1 s), malfunction, lighting	•	•	•
Servicing counter and door cycle counter			
Servicing interval programmable	•	•	•
Fault messages			
Fault messages with memory	•	•	•
Simple reset function			
Multistage reset function (control unit, safety, remote etc.)	•	•	•
<b>Connection for:</b>			
Push button (conventional)	•	•	•
Push button (MS-Bus)	•	•	•
Marantec photocell OPEN and CLOSE (conventional)	•	•	•
Other's photocell CLOSE (conventional)			
Other's photocell OPEN and CLOSE (conventional)	•	•	•
Hold circuit (conventional)	•	•	•
Closing edge safety device 8,2 kOhm OPEN and CLOSE (conventional)	•	•	•
Signal light 24 V DC (conventional)	•	•	•
Electrical lock 24 V DC (conventional)	•	•	•
Battery backup	•	•	•
Power supply for external elements 24 V DC (max. mA) (conventional)	50	50	50

1

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2

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3

Radio accessories

4

General accessories