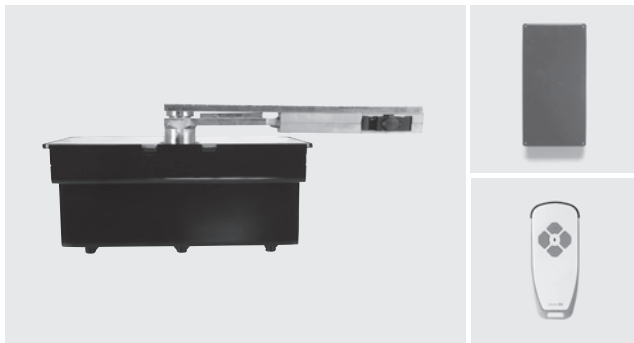


Comfort 585, 586

Opener systems for swing gates



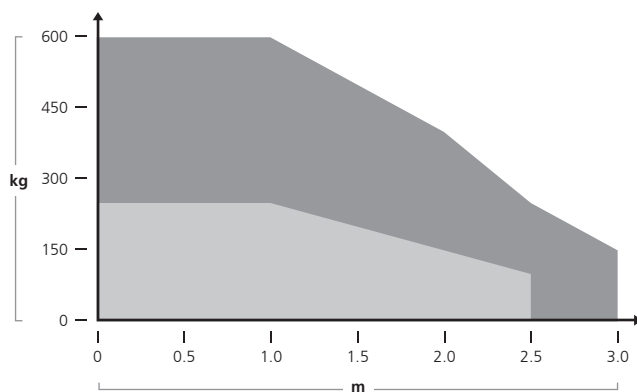
Comfort 585, 586

Article	Article no.	Price each
Under-floor opener Comfort 585 single-wing version	101 072	
double-wing version	101 073	
Under-floor opener Comfort 586 single-wing version	101 395	
double-wing version	101 396	

Package

- First and second motor unit, pre-cabled 750 mm
- Separate control unit Control x.52u
- Digital 941 module receiver with magnet stand aerial, 868 MHz bi-linked
- Digital 663 mini hand transmitter 3-channel, 868 MHz bi-linked
- 1 or 2 connection boxes with lustre terminals 6-pole
- Fittings and wing bracket with emergency release (die-casted and blue chrom plated)
- Mounting material

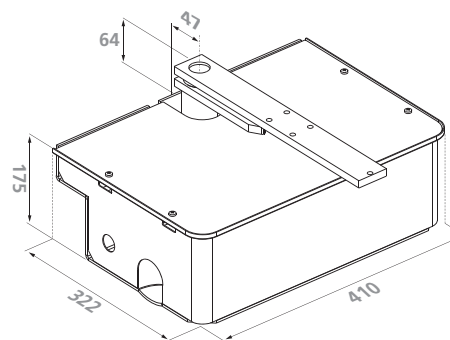
Diagram of wing weights and wing widths



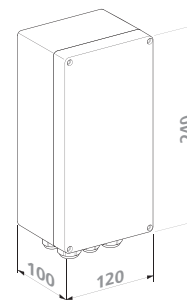
● Comfort 585 ● Comfort 586

Dimensioned drawing

Comfort 585, 586



Control x.52

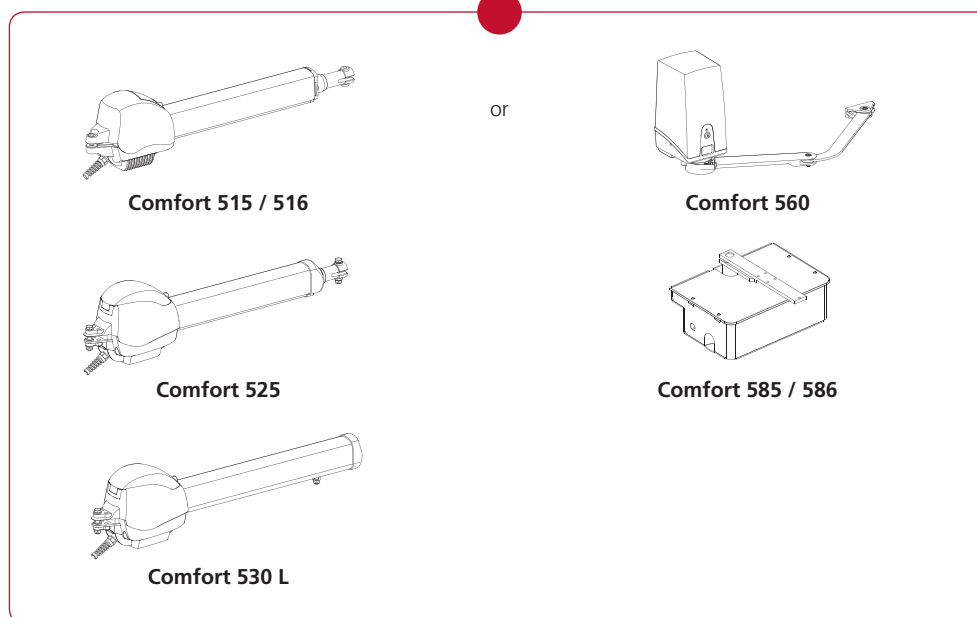
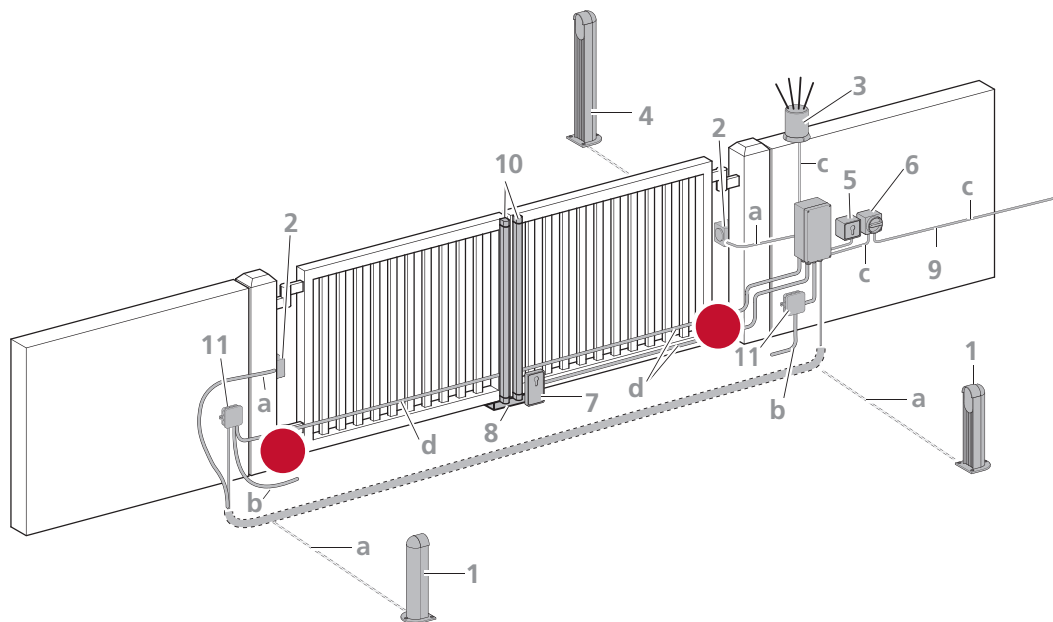


1 Swing gate openers

2 Sliding gate openers

3 Radio accessories

4 General accessories



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 mm²
- b Comfort 515 – 2 x 0.75 mm²
Comfort 516, 525, 530 L, 585, 586 – 6 x 0.75 mm²
Comfort 560 – 8 x 0.75 mm²
- c 3 x 1.5 mm²
- d 2 x 0.75 mm²

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		

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Swing gate openers

2

Sliding gate openers

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Radio accessories

4

General accessories

Information

Opener systems for swing gates

	Comfort 560	Comfort 585	Comfort 586
Features			
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.)	•	•	•
Connection for:			
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

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Swing gate openers

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Sliding gate openers

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Radio accessories

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General accessories