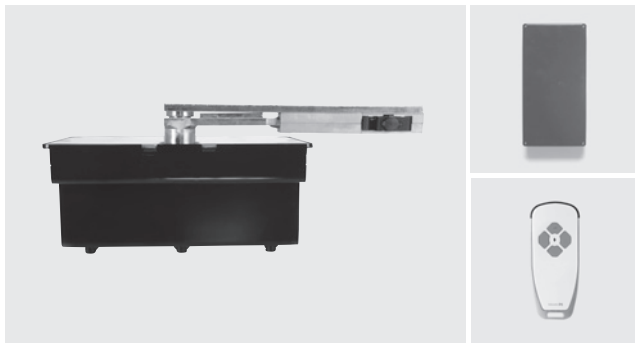


# Comfort 585, 586

Opener systems for swing gates



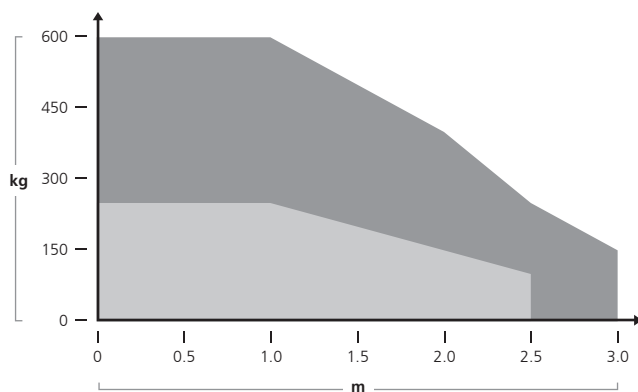
## Comfort 585, 586

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 921 module receiver, 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

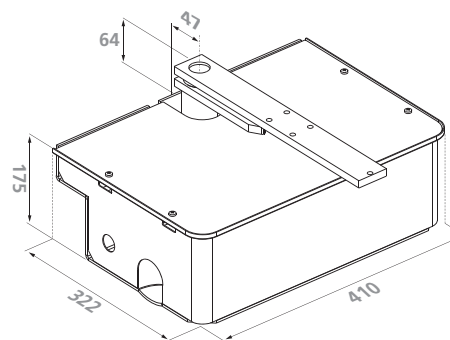
### Diagram of wing weights and wing widths



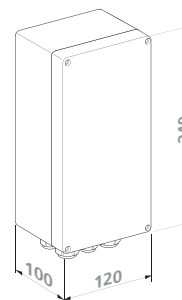
● Comfort 585    ● Comfort 586

### Dimensioned drawing

Comfort 585, 586



Control x.52



1  
Swing gate openers

2  
Sliding gate openers

3  
Radio accessories

4  
General accessories

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

Swing gate openers

2

Sliding gate openers

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

Swing gate openers

2

Sliding gate openers

3

Radio accessories

4

General accessories