





EASY OPERATING SYSTEM





Comfort 516, 516 L

Article	Article no.	Price each
Piston rod opener Comfort 516		
single-wing version	102 303	
double-wing version	102 304	
double-wing version with accessories as a set in one box	C516SET	
Piston rod opener Comfort 516 L single-wing version	102 305	
double-wing version	102 306	

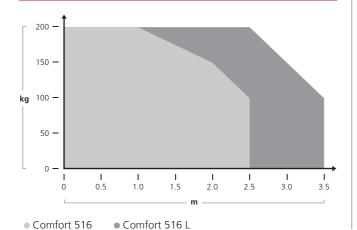
Package

- \cdot First and second motor unit, pre-cabled 1,500 mm
- · Separate 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, gate and post brackets (die-casted and blue chromated)
- · Mounting material

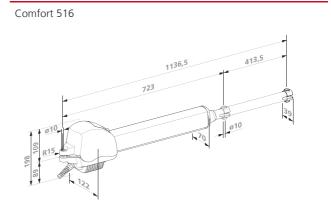
C516SET additionally:

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

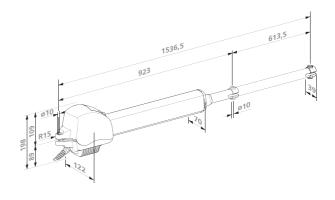
Diagram of wing weights and wing widths



Dimensioned drawing



Comfort 516 L



Control x.52





gate openers

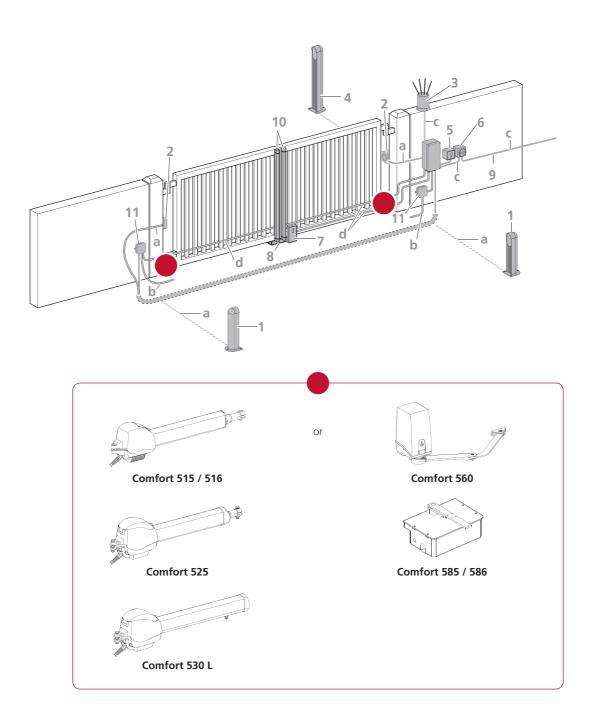
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Radio accessories

4

General 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.

Opening time (gate-specific)

Length of travel

S

mm

		75/5/	Comfort STS	, 516 ₁	, sz	⁷ 0€
		Comfort STS/E.	Comfors	Comfort 525	Comfort 22.5 (Comfort 530
Application						
Wing width (max.)	mm	2,500	3,500	3,000	4,000	3,500
Wing heigt (max.)	mm	2,000				
Wing weight (max.)	kg	200		400		350
Gradient (max.)	%	0		0*		
e-measurement	mm	0 to +160	0 to +260	0 to +160	0 to +260	+100 to +200
For stability purposes of the closed gate to install a mechanical stop.	wings we recom	mend				
The gate details listed above are not bin movable gates; at higher wind loads the adapted and expanded with additional s	wind and drive	moments must be	checked,			
* Gradient only in combination with opt	ional accessories	i.				
Mechanical details						
Push and pull force (max.)	N	1,000 3,00		000		
Torque (max.)	Nm			-		
Door travel speed (max.)	mm/s			15 to 20		
Opening angle (max.)	0	120 115				

Electrical details		
Nominal voltage	V	230
Nominal frequency	Hz	50
Power consumption	А	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
Protection category control unit	IP	65
Protection class		I

413.5

613.5

15 to 25

405

605

600

General details						
Weight motor unit (approx.)	kg	5.4	6.4	7.5	8.5	7.0
Weight control unit (approx.)	kg	2.4				
Range of temperature motor unit	°C	-20 to +60				
Range of temperature control unit	°C	−20 to +60				

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	Comfort S15/	Comfort ST6/E	Comfort S25/L	230
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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)	50	50	50	50
(conventional)				