

# Comfort 850

## Operator system for sliding gates

3.01



**EOS** EASY OPERATING SYSTEM

### Comfort 850

Article	Article no.	Price each
Motor unit Comfort 850 1.250 mm	82 903	
Motor unit Comfort 850 1.500 mm	82 946	

#### Package

- Motor unit Comfort 850 with multibit remote control 868 MHz with integrated control unit Control x.81
- Mounting plate pre-assembled, incl. drive cog, Modul 4
- Digital 304 Mini hand transmitter, 4-channel
- Mounting material

#### Electrical details

Nominal voltage	230 V
Nominal frequency	50/60 Hz
Power consumption	1 A
Power input in operation	0,2 KW
Power input stand-by	< 4 W
Operation mode (duty cycle)	KB 5 min.
Control voltage	24 V DC
Protection category	(motor unit) IP 44 (control unit) IP 65
Protection class	II

#### Mechanical details

Push and pull force	400 N
Door travel speed	to 180 mm/sec.
Opening time (gate-specific)	approx. 22 sec.

#### General details

Measurements	(post) 1.250 x 152 x 152 mm (post) 1.500 x 152 x 152 mm (mounting plate) 210 x 14 x 160 mm
Weight (total)	16,8 kg/18,5 kg
Range of temperature	-20°C to +60°C

#### Function

- Economy mode
- Reference point technique
- Soft start/soft stop
- Blocking protection
- Excess travel stop
- Release
- Connection pushbuttons, code keypads and key switches
- Connection photocell 'Open' and 'Close'
- Connection signal light 24 V DC
- Connection closing edge safety device 8,2 kΩ 'Open' and 'Close'
- Integrated evaluation 8,2 kΩ
- Back-up compatible in connection with back-up 400/700 (only with Control x.81 from serial no. 5000059844)
- Connection battery back-up
- Automatic cut-out 'Open' and 'Close' separately programmable
- Partial opening programmable
- Gate travel speed programmable
- Soft run position 'Open' and 'Close' separately programmable
- Soft run speed 'Open' and 'Close' separately programmable
- Automatic timer function
- Programmable relay output: signal light, gate position 'Open'/'Close', wiping impulse – 1 second, malfunction, lighting
- Drive cog, adjustable in height up to maximum 160 mm
- Error message
- Reset function

#### Application

- For sliding gates up to a max. width of 8.000 mm
- For a max. gate weight of 400 kg
- For toothed rack Modul 4
- No active main and second closing edge safety device required for sliding gates up to a max. weight of 400 kg (refer to declarations of conformity)
- Aluminium post usable as gate post

Comfort

Digital

Command

Control

Special

Parc 100

# Comfort 851

## 3.02 Operator system for sliding gates



**EOS** EASY OPERATING SYSTEM

### Comfort 851

Article	Article no.	Price each
Motor unit Comfort 851 1.250 mm	82 949	
Motor unit, Comfort 851 1.500 mm	82 950	

#### Package

- Motor unit Comfort 851 with multibit remote control 868 MHz with integrated control unit Control x.81
- Mounting plate pre-assembled, incl. drive cog, Modul 4
- Digital 304 Mini hand transmitter, 4-channel
- Mounting material

#### Electrical details

Nominal voltage	230 V
Nominal frequency	50/60 Hz
Power consumption	1 A
Power input in operation	0,2 KW
Power input stand-by	< 4 W
Operation mode (duty cycle)	KB 5 min.
Control voltage	24 V DC
Protection category	(motor unit) IP 44 (control unit) IP 65
Protection class	II

#### Mechanical details

Push and pull force	800 N
Door travel speed	to 180 mm/sec.
Opening time (gate-specific)	approx. 22 sec.

#### General details

Measurements	(post) 1.250 x 152 x 152 mm (post) 1.500 x 152 x 152 mm (mounting plate) 210 x 14 x 160 mm
Weight (total)	18,8 kg/20,5 kg
Range of temperature	-20°C to +60°C

#### Function

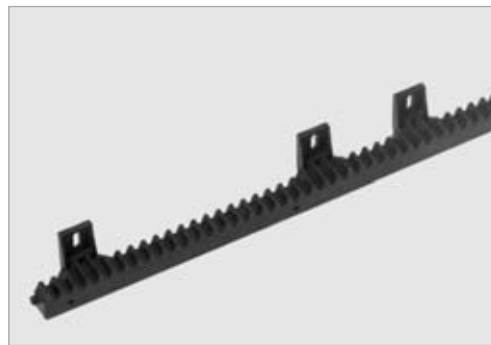
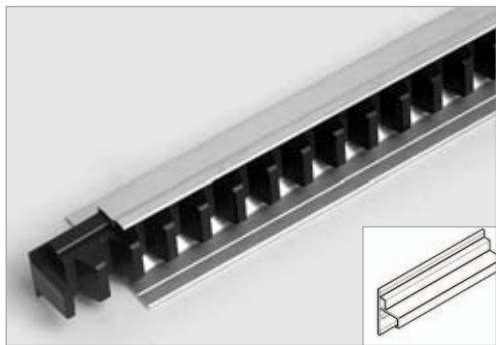
- Economy mode
- Reference point technique
- Soft start/soft stop
- Blocking protection
- Excess travel stop
- Release
- Connection pushbuttons, code keypads and key switches
- Connection photocell 'Open' and 'Close'
- Connection signal light 24 V DC
- Connection closing edge safety device 8,2 kΩ 'Open' and 'Close'
- Integrated evaluation 8,2 kΩ
- Back-up compatible in connection with back-up 400/700 (only with Control x.81 from serial no. 5000059844)
- Connection battery back-up
- Automatic cut-out 'Open' and 'Close' separately programmable
- Partial opening programmable
- Gate travel speed programmable
- Soft run position 'Open' and 'Close' separately programmable
- Soft run speed 'Open' and 'Close' separately programmable
- Automatic timer function
- Programmable relay output: signal light, gate position 'Open'/'Close', wiping impulse – 1 second, malfunction, lighting
- Drive cog, adjustable in height up to maximum 160 mm
- Error message
- Reset function

#### Application

- For sliding gates up to a max. width of 8.000 mm
- For a max. gate weight of 800 kg
- For toothed rack Modul 4
- No active main and second closing edge safety device required for sliding gates up to a max. weight of 800 kg (refer to declarations of conformity)
- Aluminium post usable as gate post

# Rack segments

3.07 **Comfort 850, 850 S, 851, 851 S, 870**



## Special 441 (Module 4)

Article	Article no.	Price each
Plastic toothed rack segments in aluminium cover profile		
Special 441/LS 2.000	71 308	
Special 441/LS 4.000	71 309	

### Package

- Elastically supported plastic toothed rack segments in aluminium cover profile with integrated cable channel
- Sales unit: 1 no.

### Function / Application

- Non-slip power transmission from the operator system to the sliding gate
- For straight toothed wheels
- For the operator systems Comfort 850, 850 S, 851, 851 S, 870

### Technical details / Specifications

Measurements (L)	2.000 mm
	4.000 mm
Weight (total)	2,7 kg
	5,1 kg
Modul	4

## Special 471 (Modul 4)

Article	Article no.	Price each
Plastic toothed rack with steel core, per meter	8 052 649	

### Package

- Plastic toothed rack
- Sales unit: 1 no.

### Function / Application

- Non-slip power transmission from the operator system to the sliding gate
- For straight toothed wheels
- For the operator systems Comfort 850, 850 S, 851, 851 S, 870

### Technical details / Specifications

Measurements (L)	1.000 mm
Weight (total)	1,4 kg
Modul	4