

Comfort 211

Operator system for garage doors

1.01



[E O S] EASY OPERATING SYSTEM

Comfort 211

Article	Article no.	Price each
Motor unit Comfort 211	79 038	

Package

- Motor unit Comfort 211 with multibit remote control, 868 MHz
- Digital 302 Mini hand transmitter, 2-channel
- Universal mounting kit for up-and-over doors and sectional doors

Electrical details

Nominal voltage	230 V
Nominal frequency	50/60 Hz
Power consumption	0,7 A
Power input in operation	0,17 KW
Power input stand-by	< 4 W
Operation mode (duty cycle)	KB 2 min.
Control voltage	24 V DC
Protection category	(motor unit) IP 20
Protection class	II

Mechanical details

Push and pull force	450 N
Door travel speed	120 mm / sec
Opening time (door-specific)	approx. 18 sec.

General details

Measurements	(motor unit) 160 x 137 x 277 mm
Weight (total)	3,0 kg
Range of temperature	-20°C to +60° C
Illuminant	LED

Function

- Economy mode
- Reference point technique
- Electronic travel cut-out
- Soft start/soft stop
- Push-open security device
- Anti-blocking device
- Excess travel stop
- Release from inside
- Connection pushbuttons, code keypads and key switches
- Automatic cut-out 'Open' and 'Close' separately programmable
- Door travel speed programmable
- Soft run position 'Open' and 'Close' separately programmable
- Soft run travel speed 'Open' and 'Close' separately programmable
- Connection potential-free limit switch information
- Error message
- Reset function

Application

- Operator system for garage doors – private use
- For up-and-over doors up to a door width of 3.000 mm and a door weight of 75 kg
- For single-walled sectional doors up to a door width of 3.500 mm and a door weight of 75 kg
- For double-walled sectional doors up to a door width of 2.500 mm and a door weight of 75 kg
- For retractable up-and-over doors and canopy doors up to a door width of 3.000 mm, a door height of 2.250 mm and a door weight of 75 kg
- For maximum 2 parking lots, 6 operations
- For operator rails with roller chain, toothed drive belt or ball rope

Comfort

Digital

Command

Control

Special

Parc 100

Comfort 211 accu

1.02 Operator system for garage doors



[E O S] EASY OPERATING SYSTEM

Comfort 211 accu

Article	Article no.	Price each
Motor unit Comfort 211 accu	82 493	

Package

- Motor unit Comfort 211 accu, pre-cabled with multibit remote control 868 MHz
- Rechargeable battery
- Plug-in charger
- Digital 302 Mini hand transmitter, 2-channel
- Universal mounting kit for up-and-over doors and sectional doors

Electrical details

Nominal voltage	24 V DC
Rechargeable battery capacity	7 Ah
Power consumption stand-by	1,5 mA
Power input in operation	0,12 KW
Power input stand-by	0,036 W
Operation mode (duty cycle)	KB 2 min.
Control voltage	24 V DC
Protection category	(motor unit) IP 20
Protection class	II

Mechanical details

Push and pull force	400 N
Door travel speed	120 mm/sec.
Opening time (door-specific)	approx. 18 sec.

General details

Measurements	(motor unit) 160 x 137 x 277 mm (accumulator unit) 260 x 215 x 75 mm
Weight (total)	7,8 kg
Range of temperature	(motor unit) -20°C to +60°C (accumulator unit) -15°C to +45°C
Illuminant	LED

Function

- Economy mode
- Reference point technique
- Electronic travel cut-out
- Soft start/soft stop
- Push-open security device
- Anti-blocking device
- Excess travel stop
- Release from inside
- Connection key switches (2-wire technique)
- Automatic cut-out 'Open' and 'Close' separately programmable
- Door travel speed programmable
- Soft run position 'Open' and 'Close' separately programmable
- Soft run travel speed 'Open' and 'Close' separately programmable
- Connection potential-free limit switch information
- Error message
- Reset function

Application

- Operator system for garage doors – private use
- For up-and-over doors up to a door width of 3.000 mm and a door weight of 75 kg
- For single-walled sectional doors up to a door width of 3.500 mm and a door weight of 75 kg
- For double-walled sectional doors up to a door width of 2.500 mm and a door weight of 75 kg
- For retractable up-and-over doors and canopy doors up to a door width of 3.000 mm, a door height of 2.250 mm and a door weight of 75 kg
- For maximum 2 parking lots, 6 operations
- Service life at 4 cycles per day
 - approx. 60 days at an ambient temperature of +20°C
 - approx. 40 days at an ambient temperature of 0°C
 - approx. 30 days at an ambient temperature of -20°C
- For operator rails with roller chain, toothed drive belt or ball rope

Comfort 211 solar

Operator system for garage doors

1.03



[E O S] EASY OPERATING SYSTEM

Comfort 211 solar

Article	Article no.	Price each
Motor unit Comfort 211 solar	82 549	

Package

- Motor unit Comfort 211 solar, pre-cabled with multibit remote control, 868 MHz
- Rechargeable battery
- Plug-in charger
- Solar module
- Charge regulator
- Digital 302 Mini hand transmitter, 2-channel
- Universal mounting kit for up-and-over doors and sectional doors

Electrical details

Nominal voltage	24 V DC
Rechargeable battery capacity	7 Ah
Power consumption stand-by	1,5 mA
Power input in operation	0,12 KW
Power input stand-by	0,036 W
Operation mode (duty cycle)	KB 2 min.
Control voltage	24 V DC
Protection category	(motor unit) IP 20
Protection class	II

Mechanical details

Push and pull force	400 N
Door travel speed	120 mm/sec.
Opening time (door-specific) approx.	18 sec.

General details

Measurements	(motor unit) 160 x 137 x 277 mm (accumulator unit) 260 x 215 x 75 mm (solar module) 675 x 335 x 230 mm
Weight (total)	13,8 kg
Range of temperature	-20°C to +60°C
Illuminant	LED

Function

- Economy mode
- Reference point technique
- Electronic travel cut-out
- Soft start/soft stop
- Push-open security device
- Anti-blocking device
- Excess travel stop
- Release from inside
- Connection key switches (2-wire technique)
- Automatic cut-out 'Open' and 'Close' separately programmable
- Door travel speed programmable
- Soft run position 'Open' and 'Close' separately programmable
- Soft run travel speed 'Open' and 'Close' separately programmable
- Connection potential-free limit switch information
- Error message
- Reset function

Application

- Operator system for garage doors – private use
- For up-and-over doors with a door width of up to 3.000 mm and a door weight of 75 kg
- For single-walled sectional doors up to a door width of 3.500 mm and a door weight of 75 kg
- For double-walled sectional doors up to a door width of 2.500 mm and a door weight of 75 kg
- For retractable up-and-over doors and canopy doors up to a door width of 3.000 mm, a door height of 2.250 mm and a door weight of 75 kg
- For maximum 2 parking lots, 6 operations
- For operator rails with roller chain, toothed drive belt or ball rope

Comfort

Digital

Command

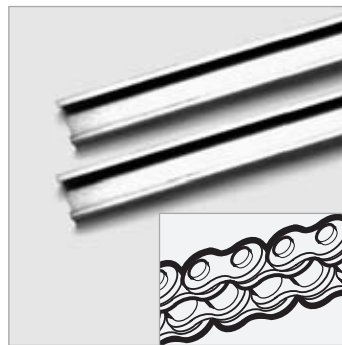
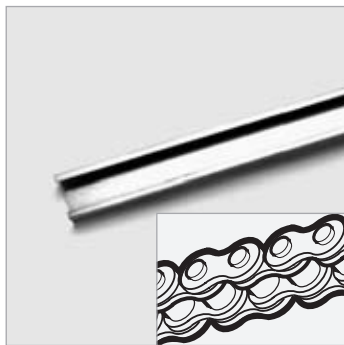
Control

Special

Parc 100

Operator rails

1.11 Comfort 211, 220.2, 250.2, 252.2



Roller chain, 1-part version (0,8 mm)

Article	Article no.	Price each
SK 11, 1-part Measurements (L) 3.080 mm Length of travel 2.475 mm Packing length 3.140 mm Weight (total) 5,9 kg	83 772	

Article	Article no.	Price each
SK 12, 1-part Measurements (L) 3.330 mm Length of travel 2.725 mm Packing length 3.380 mm Weight (total) 6,3 kg	83 773	

Article	Article no.	Price each
SK 13, 1-part Measurements (L) 4.090 mm Length of travel 3.485 mm Packing length 4.140 mm Weight (total) 8,2 kg	83 774	

Article	Article no.	Price each
SK Special length upon customer request, 1-part Measurements (L) max. 6.500 mm	83 780	

Package

- Micro-profiled operator rail, 1-part

Function / Application

- To transmit the power from the operator system to the door
- Micro-profiled operator rail for the operator systems Comfort 211 (only SK 11 and SK 12), 220.2, 250.2 and 252.2
- The rail length depends on the door height and on the door brand

Roller chain, 2-part version (0,8 mm)

Article	Article no.	Price each
SK 11, 2-part Measurements (L) 3.080 mm Length of travel 2.475 mm Packing length 1.600 mm Weight (total) 6,8 kg	83 789	

Article	Article no.	Price each
SK 12, 2-part Measurements (L) 3.330 mm Length of travel 2.725 mm Packing length 1.725 mm Weight (total) 7,2 kg	83 790	

Article	Article no.	Price each
SK 13, 2-part Measurements (L) 4.090 mm Length of travel 3.485 mm Packing length 2.100 mm Weight (total) 8,8 kg	83 791	

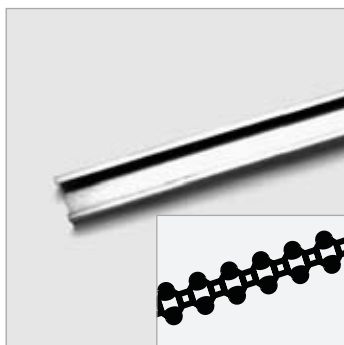
Article	Article no.	Price each
SK Special length upon customer request, 2-part Measurements (L) max. 8.000 mm	83 786	

Package

- Micro-profiled operator rail, 2-part
- Rail connector
- Mounting material

Function / Application

- To transmit the power from the operator system to the door
- Micro-profiled operator rail for the operator systems Comfort 211 (only SK 11 and SK 12), 220.2, 250.2 and 252.2
- The rail length depends on the door height and on the door brand



Ball rope, 1-part-version (0,8 mm)

Article	Article no.	Price each
ST 11, 1-part	84 420	
Measurements (L)	3.080 mm	
Length of travel	2.475 mm	
Packing length	3.140 mm	
Weight (total)	4,4 kg	

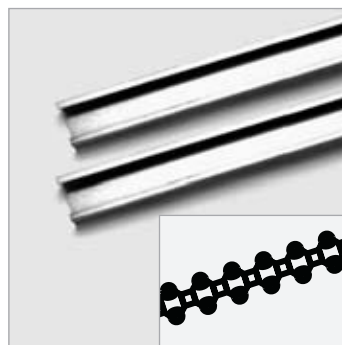
Article	Article no.	Price each
ST 12, 1-part	84 422	
Measurements (L)	3.330 mm	
Length of travel	2.725 mm	
Packing length	3.380 mm	
Weight (total)	4,7 kg	

Package

- Micro-profiled operator rail, 1-part

Function / Application

- To transmit the power from the operator system to the door
- Micro-profiled operator rail for the operator systems Comfort 211 and 220.2
- The rail length depends on the door height and on the door brand



Ball rope, 2-part-version (0,8 mm)

Article	Article no.	Price each
ST 11, 2-part	84 421	
Measurements (L)	3.080 mm	
Length of travel	2.475 mm	
Packing length	1.600 mm	
Weight (total)	5,1 kg	

Article	Article no.	Price each
ST 12, 2-part	84 423	
Measurements (L)	3.330 mm	
Length of travel	2.725 mm	
Packing length	1.725 mm	
Weight (total)	5,4 kg	

Package

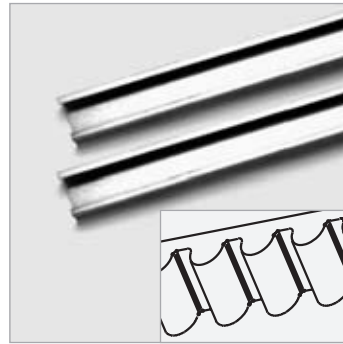
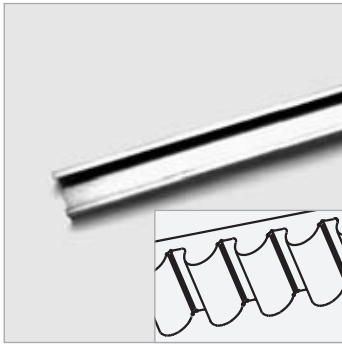
- Micro-profiled operator rail, 2-part
- Rail connector
- Mounting material

Function / Application

- To transmit the power from the operator system to the door
- Micro-profiled operator rail for the operator systems Comfort 211 and 220.2
- The rail length depends on the door height and on the door brand

Operator rails

1.13 Comfort 211, 220.2, 250.2, 252.2



Toothed drive belt, 1-part version (0,8 mm)

Article	Article no.	Price each
SZ 11, 1-part Measurements (L) 3.080 mm Length of travel 2.475 mm Packing length 3.140 mm Weight (total) 4,7 kg	83 725	

Toothed drive belt, 2-part version (0,8 mm)

Article	Article no.	Price each
SZ 11, 2-part Measurements (L) 3.080 mm Length of travel 2.475 mm Packing length 1.600 mm Weight (total) 5,4 kg	83 737	

Article	Article no.	Price each
SZ 12, 1-part Measurements (L) 3.330 mm Length of travel 2.725 mm Packing length 3.380 mm Weight 5,0 kg	83 726	

Article	Article no.	Price each
SZ 12, 2-part Measurements (L) 3.330 mm Length of travel 2.725 mm Packing length 1.725 mm Weight (total) 5,9 kg	83 738	

Article	Article no.	Price each
SZ 13, 1-part Measurements (L) 4.090 mm Length of travel 3.485 mm Packing length 4.140 mm Weight (total) 6,2 kg	83 727	

Article	Article no.	Price each
SZ 13, 2-part Measurements (L) 4.090 mm Length of travel 3.485 mm Packing length 2.100 mm Weight (total) 7,0 kg	83 739	

Article	Article no.	Price each
SK Special length upon customer request, 1-part Measurements (L) max. 6.500 mm	83 733	

Article	Article no.	Price each
SK Special length upon customer request, 2-part Measurements (L) max. 8.000 mm	83 735	

Package
· Micro-profiled operator rail, 1-part

Package
· Micro-profiled operator rail, 2-part
· Rail connector
· Mounting material

Function / Application
· To transmit the power from the operator system to the door
· Micro-profiled operator rail for the operator systems Comfort 211 (only SZ 11 and SZ 12), 220.2, 250.2, and 252.2
· The rail length depends on the door height and on the door brand

Function / Application
· To transmit the power from the operator system to the door
· Micro-profiled operator rail for the operator systems Comfort 211 (only SZ 11 and SZ 12), 220.2, 250.2 and 252.2
· The rail length depends on the door height and on the door brand