

Comfort 220.2, 250.2, 252.2

Operator systems for garage doors

The new classics. 2 steps ahead. By minimal energy input.

For more safety and comfort.

NEW

Comfort 250.2

**[E]
[O]
[S]** EASY
OPERATING
SYSTEM



- For garage doors up to max. 6.000 mm door width and 200 kg door weight
- Extra flat, modern design
- Individualisation by means of design panels
- Minimal energy input by means of latest motor technique
- Usage of energy saving lights
- Retrofitting of MAX Light for maximum light performance
- Permanent lighting function
- Standard with Digital Mini and Micro hand transmitter
- Certified according to EN 13241-1

Marantec 

Torantriebe ➤ automatisch am besten

Technical data operator systems Comfort 220.2, 250.2, 252.2



The first operators with consistent use of energy saving lights.

Electrical data	220.2	250.2	252.2	
Nominal voltage	230	230	230	V
Nominal frequency	50	50	50	Hz
Current input	1,1	1,1	1,1	A
Power consumption in operation	0,25	0,25	0,25	KW
Power consumption stand-by approx.	4	3	3	W
Operating mode (duty cycle)	KB 2	KB 5	KB 2	min.
Control voltage	24	24	24	V DC
Protection category motor unit	IP 20	IP 20	IP 20	
Protection class	II	II	II	

Mechanical data	220.2	250.2	252.2	
Push and pull force	600	800	1000	N
Door travel speed	140	140	140	mm/sec.
Opening time (door specific) approx.	15	15	15	sec.

General data	220.2	250.2	252.2	
Measurements motor unit	220 × 125 × 395			mm
Weight	3,8	4,1	4,2	kg
Range of temperature	-20 to +60			°C
Certification base	EN 60335-1	EN 12453		
	EN ISO 13849-1	EN 61508		

Package

Motor unit Comfort 220.2, 250.2 or 252.2
Universal installation kit for up-and-over and sectional doors
Digital 302 Mini hand transmitter, 2-channel, 868 MHz
Digital 313 Micro hand transmitter, 3-channel, 868 MHz*
<small>*only for C. 250.2, 252.2</small>

Features / safety functions

Reference point technique	x
Soft start/soft stop	x
Push-open security device	x
Automatic cut-out OPEN and CLOSE, separately programmable	x
Anti-blocking device	x

Excess travel stop	x
Automatic timer function	x
Electronic travel cut-out	x
Power saving technique	x
Release from inside	x
3 minutes light duration for illuminating the garage, programmable	x
Connection for push- and code buttons and key switches	x
Error message	x
Reset function	x
Door travel speed OPEN and CLOSE, separately programmable	x
Part opening can be programmed	x
Soft run position OPEN and CLOSE, separately programmable	x
Soft run travel speed OPEN and CLOSE, separately programmable	x
Retrofit kit potential-free signal relay for: Signal light, wipe impulse, 3 minutes light, limit switch information, alarm system, error message	x

Accessories

MAX Light as single or double set	x
Design panels	x
Multibit remote control	x
Separate module aerial, 868 MHz, IP 65	x
Signal light	x
Closing edge safety device	x
Photocell	x
Release kits	x
Door connector attachment for sectional doors	x
Fitments for up-and-over doors and wing gates	x
Transponder systems	x
Key switches (pre-assembled)	x
Code buttons, interior buttons (pre-cabled or remote)	x
Signal relay	x

SZ Toothed drive belt / SK Roller chain			
Operator rail	Rail length	Length of travel	Total length
SZ/SK 11-L	3080 mm	2475 mm	3309 mm
SZ/SK 12-L	3330 mm	2725 mm	3559 mm
SZ/SK 13	4090 mm	3485 mm	4319 mm

ST Ball rope			
Operator rail	Rail length	Length of travel	Total length
ST 11-L*	3080 mm	2475 mm	3309 mm
ST 12-L*	3330 mm	2725 mm	3559 mm
<small>*only for C. 220.2</small>			

All rails are available as separated rails (not for C. 252.2).



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