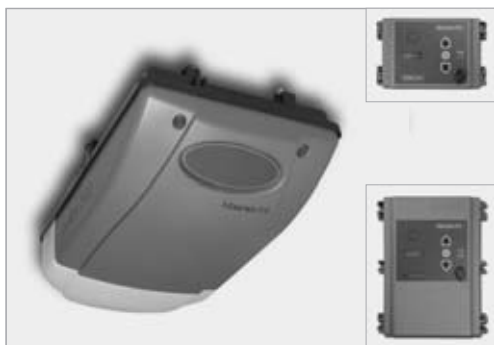


Comfort 257.2

Operator system for underground and collective garages



NEW

Comfort 257.2 with Control vario

Article	Article no.	Price each
Motor unit Comfort 257.2 with small housing	90 583	
with large housing	96 557	

Package

- Motor unit Comfort 257.2, pre-cabled
- Separate control unit Control vario, pre-cabled
- 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	0.26 KW
Power input stand-by	3.6 W
Operation mode (duty cycle)	KB 5 Min.
Control voltage	24 V DC
Protection category	(motor unit) IP 20 (control unit) IP 54
Protection class	II

Mechanical details

Push and pull force	1.000 N
Door travel speed	140 mm/sec.
Opening time (door-specific)	approx. 15 sec.

General details

Measurements	(mootor unit) 220 x 125 x 395 mm (control unit, small) 240 x 150 x 80 mm (control unit, large) 240 x 300 x 80 mm
Weight (total)	6.7 kg
Range of temperature	-20°C to +60°C
Illuminant (energy-saving bulb)	1 x 11 W, E14

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
- Partial opening programmable
- Door travel speed 'Open' and 'Close' separately programmable
- Soft run position 'Open' and 'Close' separately programmable
- Soft run travel speed 'Open' and 'Close' separately programmable
- Automatic timer function
- Connection potential-free limit switch information
- Connection signal light programmable
- Connection wiping impulse
- Connection expansion modules e.g. traffic control, relay etc.
- Connection contact bar, closed circuit and 2-wire photocell
- Error message
- Reset function

Application

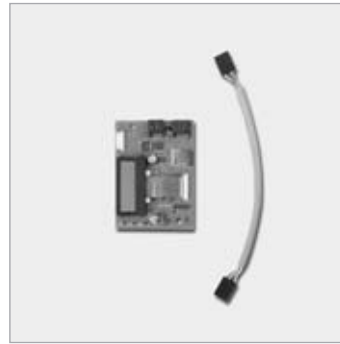
- Operator system for underground and collective garages
- For up-and over doors up to a door width of 6.000 mm and a door weight of 200 kg
- For single-walled sectional doors up to a door width of 6.000 mm and a door weight of 200 kg
- For double-walled sectional doors up to a door width of 6.000 mm and a door weight of 200 kg
- For maximum 50 parking lots, 100 operations
- For operator rails with roller chain or toothed drive belt

Accessories

Accessories / Control unit Control vario



NEW



NEW

EM 131 expansion module traffic control

Article	Article no.	Price each
EM 131 expansion module for Control vario, Comfort 257.2	88 386	

Package

- EM 131 expansion module including connecting cable for connecting a further module
- Sales unit: 1 no.

Function / Application

- Traffic control with connections for red/green signal lights and connection for pushbuttons entrance/exit

Technical details / Specifications

Measurements (W x H x D)	85 x 126 x 46 mm
Weight (total)	0.25 kg

EM 151 expansion module clear text display

Article	Article no.	Price each
EM 151 expansion module for Control vario, Comfort 257.2 Language: German	91 264	

Package

- EM 151 Expansion module with a short connecting cable for connecting to the control unit
- Sales unit: 1 no.

Function / Application

- LCD display integrated in the control unit housing
- To support during the programming and to show the status/error messages by means of clear text display

Technical details / Specifications

Measurements (W x H x D)	(Circuit board) 38 x 11 x 10 mm
Weight (total)	(Display) 82 x 60 x 11 mm
Weight (Circuit board with display)	0.06 kg

Comfort

Parc 200

Digital

Command

Control

Special

Accessories

Accessories / Control unit Control vario



NEW

EM 171 Expansion module relay

Article	Article no.	Price each
EM 171 expansion module for Control vario, Comfort 257.2	96 658	

Package

- EM 171 Expansion module incl. 2 relays with a short connecting cable for connecting a further module
- Sales unit: 1 no

Function / Application

- Two programmable relays for:
 - Signal light, lighting
 - Door position 'Open'/'Close'
 - Intermediate position 'Open'/'Close'
 - Wiping impulse
 - Control of door lock systems
 - Error, maintenance display
 - Evaluation of remote command

Technical details / Specifications

Measurements (W x H x D)	48 x 126 x 46 mm
Weight (total)	0.12 kg



NEW

EM 181 Expansion module Opto 100

Article	Article no.	Price each
EM 181 expansion module for Control vario, Comfort 257.2	90 588	

Package

- EM 181 Expansion module with a short connecting cable for connecting a further module
- Sales unit: 1 no

Function / Application

- Connection photocell with system plug
- Connection optosensor (closing edge safety device) with system plug

Example: New operator system with BUS technology (replacement) on a door with existing safety technology with system plug

Technical details / Specifications

Measurements (W x H x D)	48 x 126 x 46 mm
Weight (total)	0.12 kg

Comfort

Parc 200

Digital

Command

Control

Special

Accessories

Accessories / Control unit Control vario



NEW



NEW

EM 182 Expansion module Opto 300

Article	Article no.	Price each
EM 182 expansion module for Control vario, Comfort 257.2	96 659	

Package

- EM 182 Expansion module with a short connecting cable for connecting a further module
- Sales unit: 1 no

Function / Application

- Connection 2-wire photocell
- Connection optosensor (Opto 300)
- Connection safety circuit

Technical details / Specifications

Measurements (W x H x D)	48 x 126 x 46 mm
Weight (total)	0.12 kg

EM 183 Expansion module Opto 300 – ‚Open‘

Article	Article no.	Price each
EM 183 expansion module for Control vario, Comfort 257.2	88 370	

Package

- EM 183 Expansion module with a short connecting cable for connecting a further module
- Sales unit: 1 no

Function / Application

- Connection 2-wire photocell
- Connection optosensor (Opto 300) in 'Open' direction
- Connection safety circuit

Technical details / Specifications

Measurements (W x H x D)	48 x 126 x 46 mm
Weight (total)	0.12 kg

Comfort

Parc 200

Digital

Command

Control

Special

Accessories

Accessories / Control unit Control vario



NEW



NEW

Extension housing, small

Article	Article no.	Price each
Extension housing, small (type 5)	96 538	

Package

- Extension housing, small, with attached DIN rail including connecting cable to Control vario, Comfort 257.2
- Mounting material
- Sales unit: 1 no.

Function / Application

- Housing for accommodating a maximum of 2 expansion modules
- For expanded functions with Control vario control unit

Technical details / Specifications

Measurements (W x H x D)	240 x 146 x 77 mm
Weight (total)	0.7 kg
Protection category	IP 65
Length connecting cable	1.5 m

Extension housing, large

Article	Article no.	Price each
Extension housing, large (type 4)	96 539	

Package

- Extension housing, small, with attached DIN rail including connecting cable to Control vario, Comfort 257.2
- Mounting material
- Sales unit: 1 no.

Function / Application

- Housing for accommodating a maximum of 5 expansion modules
- For expanded functions with Control vario control unit

Technical details / Specifications

Measurements (W x H x D)	240 x 300 x 77 mm
Weight (total)	1.1 kg
Protection category	IP 65
Length connecting cable	1.5 m

Comfort

Parc 200

Digital

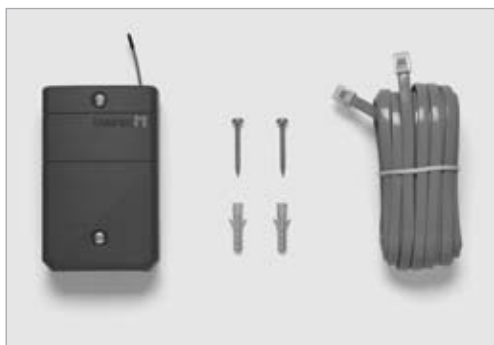
Command

Control

Special

Digital

Remote controls



Digital 173

Article	Article no.	Price each
Module aerial		
868 MHz Multibit	65 666	
433 MHz Multibit	65 667	

Package

- Module aerial
- System cable with system plug, 7.500 mm
- Mounting material
- Sales unit: 1 no.

Function / Application

- Receiving and transmitting of hand transmitter signals to the control unit
- For all Marantec operator systems protection category IP 65 is compulsory
- Useful at too low operating range

Technical details / Specifications

Measurements (W x H x D)	70 x 113 x 34 mm
Weight (total)	0,3 kg
Nominal voltage	DC or AC 12 – 24 V
Power consumption	approx. 13 mA
Protection category	IP 65
Range of temperature	-20°C to +60°C
Cabling	System cabling



Digital 164

Article	Article no.	Price each
Module aerial		
868 MHz Multibit	70 655	
433 MHz Multibit	69 574	

Package

- Module aerial
- Sales unit: 1 no.

Function / Application

- Receiving and transmitting of hand transmitter signals to the control unit
- For the operator systems Comfort 211, 220.2, 250.2, 252.2, 257.2
- For all operator systems for hinged and sliding gates starting with control units Control x.51/x.81
- For the operator system Dynamic vario DC

Technical details / Specifications

Measurements (W x H x D)	37 x 53 x 13 mm
Weight (total)	0,02 kg
Nominal voltage	DC or AC 12 – 24 V
Power consumption	approx. 13 mA
Protection category	IP 00 (only for dry premises)
Range of temperature	-20°C to +60°C

Comfort

Parc 200

Digital

Command

Control

Special

Digital

Remote controls



NEW

Digital 174

Article	Article no.	Price each
Module aerial 868 MHz Multibit	78 532	
433 MHz Multibit	78 531	

Package

- Module aerial
- Antenna adapter
- System cable with system plug, 7.500 mm
- Mounting material
- Sales unit: 1 no.

Function / Application

- Receiving and transmitting of hand transmitter signals to the control unit
- Useful at too low operating range
- For construction projects that require protection category IP 65
- For the operator systems Comfort 211, 220.2, 250.2, 252.2, 257.2
- For all operator systems for hinged and sliding gates starting with control units Control x.51/x.81
- For the operator system Dynamic vario DC

Technical details / Specifications

Measurements (W x H x D)	70 x 113 x 34 mm
Weight (total)	0,3 kg
Nominal voltage	DC or AC 12 – 24 V
Power consumption	Approx. 0,7 mA
Protection category	IP 65
Range of temperature	-20°C to +60°C
Cabling	System cabling

Digital 178

Article	Article no.	Price each
Module aerial 868 MHz Multi-Bit	90 998	
433 MHz Multi-Bit	90 997	

Package

- Module aerial
- Magnet stand aerial with connecting cable, 5.000 mm
- Mounting material
- Sales unit: 1 no.

Function / Application

- Receiving and transmitting of hand transmitter signals to the control unit
- Improvement of range through the connection of the external magnet stand aerial
- Choice of an ideal position of the magnet stand aerial
- For the operator systems Comfort 211, 220.2, 250.2, 252.2, 257.2
- For all operator systems for hinged and sliding gates starting with control units Control x.51/x.81
- For park barriers Parc 200
- For the operator system Dynamic vario DC

Technical details / Specifications

Measurements (W x H x D)	220 x 45 x 165 mm
Weight (total)	0,25 kg
Nominal voltage	DC or AC 12 – 24 V
Power consumption	Approx. 13 mA
Protection category	(Module aerial) IP 00 (only for dry premises)
Protection category	(Magnet stand aerial) IP 65
Range of temperature	-20°C to +60°C