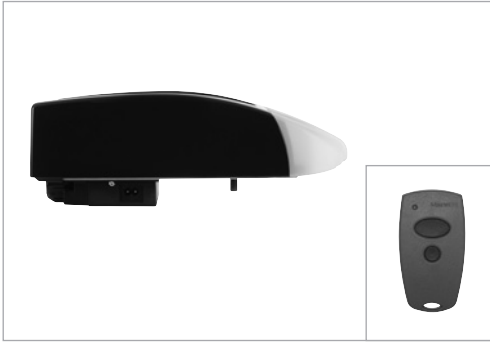


Comfort 260

Operator system for garage doors



Comfort 260

| ARTICLE | ARTICLE NO. | PRICE EACH |
|------------------------|-------------|------------|
| Motor unit Comfort 260 | 100 958 | |

PACKAGE

- Motor unit Comfort 260 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 | 1.1 A |
| Power input in operation | 0.25 KW |
| Power input stand-by | approx. 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 | max. 550 N |
| Door travel speed | max. 160 mm/Sec. |
| Opening time (door-specific) | approx. 14 Sec. |

GENERAL DETAILS

| | |
|----------------------|---------------------------------|
| Measurements | (Motor unit) 190 x 125 x 360 mm |
| Measurements | (packing) 245 x 145 x 500 mm |
| Weight (total) | 6.4 kg |
| Range of temperature | -20°C to +60°C |
| Illuminant | (LED) 1x 8-LED module |

FUNCTION

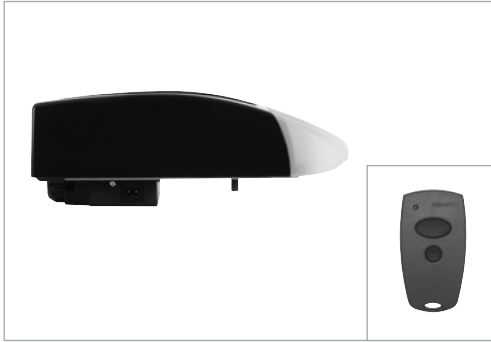
- Economy mode
- Electronic travel cut-out
- Soft start/soft stop
- Push-open security device
- Anti-blocking device
- Excess travel stop
- Release using pull rope (inside)
- Connection pushbuttons, photocell, hold circuit
- Programmable Input/Output
- Connection for extension modules, not EM 131
- Connection for battery back-up
- Output 24 VDC, 250 mA
- Back jump
- Maintenance and door cycles counter
- Automatic cut-out 'Open' and 'Close' separately programmable
- Partial opening programmable
- Operator light switchable via radio
- 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
- Error message memory
- Reset function
- Programming and status messages via LCD-Display

APPLICATION

- Operator system for garage doors - private use
- For up-and-over doors up to a door width of 3.500 mm and a door weight of 90 kg
- For single-walled sectional doors up to a door width of 5.000 mm and a door weight of 90 kg
- For double-walled sectional doors up to a door width of 3.000 mm and a door weight of 90 kg
- For retractable up-and-over doors and canopy doors up to a door width of 3.500 mm, a door height of 2250 mm and a door weight of 90 kg
- For maximum 8 parking lots, 16 operations
- With the use of the 1.2 mm rail with double-sided ball bearing max. 10 parking lots, 20 operations
- For operator rails with roller chain, toothed drive belt or ball rope

Comfort 270

Operator system for garage doors



Comfort 270

| ARTICLE | ARTICLE NO. | PRICE EACH |
|------------------------|-------------|------------|
| Motor unit Comfort 270 | 100 959 | |

PACKAGE

- Motor unit Comfort 270 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 | 1.1 A |
| Power input in operation | 0.25 KW |
| Power input stand-by | approx. 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 | max. 750 N |
| Door travel speed | max. 160 mm/Sec. |
| Opening time (door-specific) | approx. 14 Sec. |

GENERAL DETAILS

| | |
|----------------------|---------------------------------|
| Measurements | (Motor unit) 190 x 125 x 360 mm |
| Measurements | (packing) 245 x 145 x 500 mm |
| Weight (total) | approx. 6.5 kg |
| Range of temperature | -20°C to +60°C |
| Illuminant | (LED) 1x 8 LED module |

FUNCTION

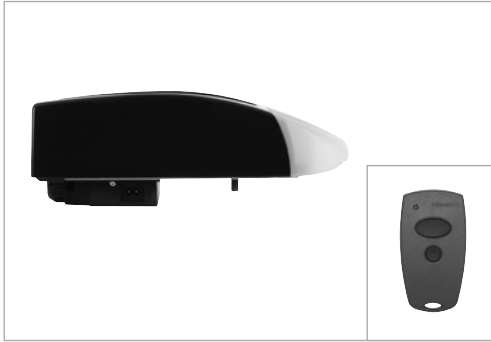
- Economy mode
- Electronic travel cut-out
- Soft start/soft stop
- Push-open security device
- Anti-blocking device
- Excess travel stop
- Release using pull rope (inside)
- Connection pushbuttons, photocell, hold circuit
- Programmable Input/Output
- Connection for extension modules, not EM 131
- Connection for battery back-up
- Output 24 VDC, 250 mA
- Back jump
- Maintenance and door cycles counter
- Automatic cut-out 'Open' and 'Close' separately programmable
- Partial opening programmable
- Operator light switchable via radio
- 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
- Error message memory
- Reset function
- Programming and status messages via LCD-Display

APPLICATION

- Operator system for garage doors - private use
- For up-and-over doors up to a door width of 5.000 mm and a door weight of 165 kg
- For single-walled sectional doors up to a door width of 5.500 mm and a door weight of 165 kg
- For double-walled sectional doors up to a door width of 5.500 mm and a door weight of 165 kg
- For retractable up-and-over doors and canopy doors up to a door width of 5.000 mm, a door height of 2250 mm and a door weight of 165 kg
- For maximum 14 parking lots, 28 operations
- With the use of the 1.2 mm rail with double-sided ball bearing max. 17 parking lots, 34 operations
- For operator rails with roller chain or toothed drive

Comfort 280

Operator system for garage doors



Comfort 280

| ARTICLE | ARTICLE NO. | PRICE EACH |
|------------------------|-------------|------------|
| Motor unit Comfort 280 | 100 960 | |

PACKAGE

- Motor unit Comfort 280 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 | 1.1 A |
| Power input in operation | 0.25 KW |
| Power input stand-by | approx. 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 | max. 1000 N |
| Door travel speed | max. 160 mm/Sec. |
| Opening time (door-specific) | approx. 14 Sec. |

GENERAL DETAILS

| | |
|----------------------|---------------------------------|
| Measurements | (Motor unit) 190 x 125 x 360 mm |
| Measurements | (packing) 245 x 145 x 500 mm |
| Weight (total) | approx. 6.6 kg |
| Range of temperature | -20°C to +60°C |
| Illuminant | (LED) 1x 8 LED module |

FUNCTION

- Economy mode
- Electronic travel cut-out
- Soft start/soft stop
- Push-open security device
- Anti-blocking device
- Excess travel stop
- Release using pull rope (inside)
- Connection pushbuttons, photocell, hold circuit
- Programmable Input/Output
- Connection for extension modules, not EM 131
- Connection for battery back-up
- Output 24 VDC, 250 mA
- Back jump
- Maintenance and door cycles counter
- Automatic cut-out 'Open' and 'Close' separately programmable
- Partial opening programmable
- Operator light switchable via radio
- 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
- Error message memory
- Reset function
- Programming and status messages via LCD-Display

APPLICATION

- Operator system for garage doors - private use
- 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 retractable up-and-over doors and canopy doors up to a door width of 6.000 mm, a door height of 2250 mm and a door weight of 200 kg
- For maximum 24 parking lots, 48 operations
- With the use of the 1.2 mm rail with double-sided ball bearing max. 30 2 parking lots, 60 operations
- For operator rails with roller chain or toothed drive