



[E O S] EASY OPERATING SYSTEM

Comfort 580, single-wing version

Article	Article no.	Price each
Motor unit Comfort 580 single-wing version	83 332	

Package

- Motor unit Comfort 580, pre-cabled with multibit remote control 868 MHz
- Separate control unit Control x.51
- Digital 304 Mini hand transmitter, 4-channel
- Fittings
- 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	< 5 W
Operation mode (duty cycle)	KB 5 min.
Control voltage	24 V DC
Protection category	(motor unit) IP 67 (control unit) IP 65
Protection class	II

Mechanical details

Drive torque	175 Nm
Gate travel speed	150 to 220 mm/sec.
Opening time (gate-specific)	approx. 17 sec.

General details

Measurements	(motor unit) 300 x 170 x 155 mm (control unit) 120 x 240 x 100 mm
Weight (total)	16 kg
Range of temperature	-20°C to +60°C

Function

- Economy mode
- Reference point technique
- Soft start/soft stop
- Anti-blocking device
- Excess travel stop
- Release
- Connection pushbuttons, code keypads and key switches
- Connection photocell 'Open' and 'Close'
- Connection signal light 24 V DC
- Connection electrical lock 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.51 from serial no. 5000059174)
- Connection battery back-up
- Automatic cut-out 'Open' and 'Close' separately programmable
- Walk-in wing function programmable (only for double-wing version)
- Partial opening programmable (only for single-wing version)
- 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
- Error message
- Reset function

Application

- For single-wing hinged gates
- For a wing width of max. 2.500 mm
- For a wing height of max. 2.500 mm
- Max. 50% covered wing surface
- For a wing weight of max. 250 kg
- Mechanical end stop in 'Open' and 'Close' is required
- The gate details listed above are not binding recommendations for easily movable gates; at higher wind loads the wind and drive moments must be checked
- Not for industrial use

Comfort 580

2.14 Operator system for hinged gates



[E O S] EASY OPERATING SYSTEM

Comfort 580, double-wing version

Article	Article no.	Price each
Motor unit Comfort 580 double-wing version	83 330	

Package

- Motor unit Comfort 580, pre-cabled with multibit remote control 868 MHz
- Separate control unit Control x.51
- Digital 304 Mini hand transmitter, 4-channel
- Fittings
- 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	1 W
Operation mode (duty cycle)	KB 5 min.
Control voltage	24 V DC
Protection category	(motor unit) IP 67 (control unit) IP 65
Protection class	II

Mechanical details

Drive torque	175 Nm
Gate travel speed	150 to 220 mm/sec.
Opening time (gate-specific)	approx. 17 sec.

General details

Measurements	(motor unit) 300 x 170 x 155 mm (control unit) 120 x 240 x 100 mm
Weight (total)	29 kg
Range of temperature	-20°C to +60°C

Function

- Economy mode
- Reference point technique
- Soft start/soft stop
- Anti-blocking device
- Excess travel stop
- Release
- Connection pushbuttons, code keypads and key switches
- Connection photocell 'Open' and 'Close'
- Connection signal light 24 V DC
- Connection electrical lock 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.51 from serial no. 5000059174)
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- Walk-in wing function programmable (only for double-wing version)
- Partial opening programmable (only for single-wing version)
- 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
- Error message
- Reset function

Application

- For single-wing hinged gates
- For a wing width of max. 2.500 mm
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- Max. 50% covered wing surface
- For a wing weight of max. 250 kg
- Mechanical end stop in 'Open' and 'Close' is required
- The gate details listed above are not binding recommendations for easily movable gates; at higher wind loads the wind and drive moments must be checked
- Not for industrial use