

Parc PA3F



Article

Item no.	Description
178413	Parc PA3F Operator for barrier arms up to 3 m: 24 V-DC motor, 2,000 cycles per day

Scope of delivery

- Motor unit with springs, beam support, integrated LED lighting and integrated control unit Control CBX10224F
- Mounting material

Features

Parc PA3F

Features

- Robust metal gearbox
- Indirect motor connection to protect the gearbox from damage (PA3F, PA68)
- Non-contact limit switches
- Beam can be mounted on the right or left side
- 2-color flashing light in green/red installed on both sides
- Integrated radio receiver bi.linked 868 MHz
- Suitable for commercial and intensive private use

CBX10224F

Features functions

- Current-dependent obstacle detection with reversal
- Soft start/soft stop/soft run
- Automatic feed function
- Gate open time and prewarning time separately programmable
- Lighting duration programmable and switchable by radio
- Partial opening programmable
- Running speed OPEN and CLOSE separately programmable
- Soft run position OPEN and CLOSE separately programmable
- Soft run speed OPEN and CLOSE separately programmable
- Cycle counter
- Maintenance interval programmable
- Error signaling
- Simple reset function (complete reset)

Features operation

- Same programming logic for all controls - CBX102B, CBX10224 and CBX20224
- 2 menus: simple and advanced - for easy programming, but customizable installation
- Programming and status indication via LED display

Features structure and connection

- Integrated radio receiver bi.linked 868 MHz
- Connection (conventional) for push button
- Connection (conventional) for 4-wire photoelectric sensor OPEN and CLOSED
- Connection (conventional) for holding circuit
- Connection (conventional) for 8.2 kOhm contact strip
- Connection (conventional) for 24 V-DC signal light
- Connection (conventional) for 12 V-AC electric lock
- Connection for battery backup
- Output 24 V-DC, max. 250 mA

Use

Parc PA3F

Parc PA3F **2.4-3 m beam length**
Without accessories ✓

CBX10224F

- For Comfort SU500F and Parc PA3F

Technical data

Parc PA3F

- Encoder: Yes
- Continuous sound pressure level (max.) [dB(A)]: 70
- Connection type: Conventional
- Protection class: IP54
- Beam length (max.) [m]: 3
- Temperature (min.) [°C]: -20
- Temperature (max.) [°C]: 55
- Temperature (min./max.) [°C]: -20/55
- Temperature (min.) [°F]: -4 °F
- Temperature (max.) [°F]: 131 °F
- Output torque [Nm]: 40
- Operating mode (duty cycle): S2 - 5 min
- Cycles per day (max.): 2,000
- Motor power [kW]: 0.03
- Opening time (min.) [s]: 1
- Operating voltage [V]: 24 V-DC
- Operating voltage type: Direct current
- Motor voltage [V]: 24 V-DC
- Width [mm]: 400
- Height [mm]: 1,188
- Depth [mm]: 280
- Weight [kg]: 62

CBX10224F

- Radio frequency: 868 MHz
- Radio technology: bi.linked
- Protection class: IP00
- Protection class: I
- Temperature (min.) [°C]: -20
- Temperature (max.) [°C]: 55
- Temperature (min./max.) [°C]: -20/55
- Temperature (min.) [°F]: -4
- Temperature (max.) [°F]: 131
- On-site supply: 230 V/1~/50 Hz 230 V/1~/60 Hz
- Motor voltage [V]: 230 V/1~
- Control voltage [V]: 24 V-DC
- Load capacity Power (max.) [kW]: 0.15

- Width [mm]: 130
- Height [mm]: 100
- Depth [mm]: 100

Accessories

Item no.	Description
178419	AST3F Aluminum boom arm, ø 60 mm, 3 m, without accessory groove (no tree accessories can be mounted)
178432	CP-BR6 Foundation plate for setting in concrete
178431	CP-BR Foundation plate for setting in concrete
183723	Fire department release for M12 triangular key for installation in the barrier housing Parc PA
178423	CTLIGHT2 Expansion circuit board for controlling LED strips
178411	TWIN Expansion circuit board for synchronous operation of 2 operators
178432	CP-BR6 Foundation plate for setting in concrete
178431	CP-BR Foundation plate for setting in concrete
183723	Fire department release for M12 triangular key for installation in the barrier housing Parc PA
178423	CTLIGHT2 Expansion circuit board for controlling LED strips
178411	TWIN Expansion circuit board for synchronous operation of 2 operators

Successors

Item no.	Description	Market launch
191496	Parc PA3F Antrieb für Schrankenbäume bis 3 m: 24 V-DC Motor, 2.000 Zyklen pro Tag	2024-02-19

Technical drawings

Parc PA3F

