

# Parc PA3F



## Article

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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

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- 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

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### Parc PA3F

Parc PA3F	2.4-3 m beam length
Without accessories	✓

### CBX10224F

- For Comfort SU500F and Parc PA3F

## Technical data

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### 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

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

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

## Technical drawings

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### Parc PA3F

