

# 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]: 130Height [mm]: 100Depth [mm]: 100

# Accessories

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	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

ltem 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

