

Comfort KST3224



Article

Item no. Description

178370 Comfort KST3224 Set for double-leaf swing gates up to 3.0 m: 24 V DC motor, 1,400 N, 2.5 cm/s,

128°, without encoder

Scope of delivery

- Left and right motor unit without cable (2x1.5 mm² required)
- External control unit Control CBX20224L with integrated radio receiver, 868 MHz bi.linked
- 2 Digital 572 Micro hand transmitters 2-channel, 868 MHz bi.linked
- LS22 one-way light barrier without cable
- · Gate and angle bracket

Features

Comfort ST3024

Features

- · Active closing edge protection necessary
- · Mechanical end stop in end position OPEN and CLOSED necessary
- 2-wire technology for easy retrofitting
- · Very quiet mechanism
- All mechanical parts protected against weather influences
- Sturdy and UV-resistant plastic housing
- Gate and pillar angle for easy motor installation



CBX20224L

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 speed OPEN and CLOSE separately programmable
- Soft run position 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

- · Battery backup can be integrated in the housing
- · 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

Digital 572

Features

- · 2 function keys for free assignment
- Signaling by red LED
- · Eyelet for attachment to keychain or lanyard
- High security through 128-bit AES-encrypted radio transmission and constantly changing radio code (rolling code method)



Use

CBX20224L

• For Comfort ST3024 and RA2224(E)

Digital 572

• For all Marantec controls and third-party products (in conjunction with corresponding bi.linked receiver)

Technical data

Comfort ST3024

- · Encoder: No
- Continuous sound pressure level (max.) [dB(A)]: 70
- · Connection type: Conventional
- · Protection class: IP44
- Width gate wing (max.)[m]: 3
- Height gate wing (max.)[m]: 2
- Weight of gate leaf (max.)[kg]: 400
- Gradient (max.) [%]: 0
- Temperature (min.) [°C]: -20
- Temperature (max.) [°C]: 55
- Temperature (min./max.) [°C]: -20/55
- Temperature (min.)[°F]: -4°F
- Temperature (max.)[°F]: 131°F
- Push and pull force (max.)[N]: 1,400
- Motor power [kW]: 0.09
- Running speed (max.) [cm/s]: 2.5
- Opening angle (max.)[°]: 128
- Operating voltage [V]: 24 V-DC
- Operating voltage type: Direct current
- Motor voltage [V]: 24 V-DC
- Rated current [A]: 3.5
- Width [mm]: 115
- Height [mm]: 177
- Depth[mm]: 741
- Depth (min.) [mm]: 741
- Depth (max.) [mm]: 1,141
- Movement stroke (max.)[mm]: 400
- Weight [kg]: 3.2
- · Garantie: 5 years



CBX20224L

Radio frequency: 868 MHzRadio technology: bi.linked

Protection class: IP54

• 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

• Operating voltage [V]: 24 V-DC

• Motor voltage [V]: 24 V-DC

• Control voltage [V]: 24 V-DC

• Load capacity Power (max.) [kW]: 0.21

Width[mm]: 222Height[mm]: 275

• Depth[mm]: 110

Digital 572

· Housing type: Micro

• Number of freely programmable keys: 2

· Channels: 2

· Antenna: Integrated

• Radio frequency: 868 MHz

· Radio technology: bi.linked

· Radio coding: Marantec

· Communication direction: Unidirectional

• Color: RAL 9005 RAL 9016

• Temperature (min.) [°C]: -20

• Temperature (max.)[°C]: 60

• Temperature (min./max.)[°C]: -20/60

• Temperature (min.)[°F]: -4

• Temperature (max.)[°F]: 140

• battery type: CR2032, 3 V

• Battery count: 1

• Width [mm]: 39

• Height [mm]: 60

• Depth[mm]: 12

• Weight [kg]: 0.03

· Packing width: 56

· Packing height: 52

• Packing depth/length: 76

• Packing weight: 0.055



• Freight forwarding articles: No

• GTIN: 4062434000922

Customs tariff number: 85269200Country of origin 1000: Deutschland

• Garantie: 2 years

Accessories

| Item no. | Description |
|----------|--------------------------------------------------------------------------|
| 178392 | KBP Battery backup, 1.3 Ah, for installation in a control housing |
| 178393 | KITFIXBATT Mounting set for battery backup in the control housing |
| 178386 | ADFB 2 adjustable gate brackets |
| 178387 | ADRB 2 adjustable angle brackets |
| 178391 | ELS-C 12 V-DC electric lock for pillar locking from a wing span of 2.5 m |
| 178392 | KBP Battery backup, 1.3 Ah, for installation in a control housing |
| 178393 | KITFIXBATT Mounting set for battery backup in the control housing |

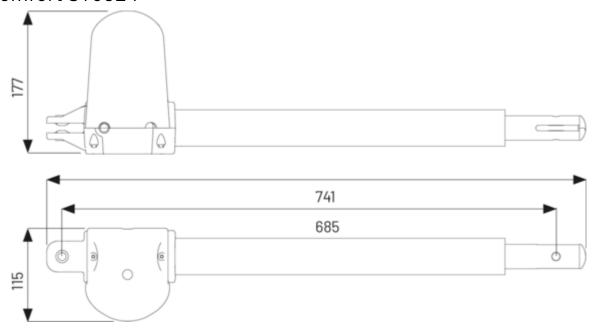
Successors

| Item no. | Description | Market launch |
|----------|-------------------------------------------------------------------------------------------------------------|---------------|
| 191487 | Comfort ST3024 Set für 2-flügelige Drehtore bis 3,0 m: 24-V-DC-Motor, 1.400 N, 2,5 cm/s, 128°, ohne Encoder | 2023-08-15 |



Technical drawings

Comfort ST3024





CBX20224L

