

Comfort KUN3224



Article

Item no.	Description
178375	Comfort KUN3224 Underfloor operator set for 2-leaf swing gates up to 3.5 m: 24 V-DC motor, 250 Nm, 90°, without encoder

Scope of delivery

- First and second motor unit without foundation box, pre-wired, 2x1.5 mm² 1,500 mm
- External control unit Control CBX20224H with integrated radio receiver, 868 MHz bi.linked
- 2 Digital 572 Micro hand transmitter 2-channel, 868 MHz bi.linked
- LS22 One-way photoelectric sensor without cable

Features

Comfort UN3224

Features

- Current-dependent obstacle detection - no active closing edge protection necessary (only operators with encoder)
- Integrated mechanical stops OPEN and CLOSED
- Robust metal gearbox
- Very quiet mechanism
- All mechanical parts protected against weather influences
- Lockable unlocking device
- Compatible with foundation boxes from other manufacturers (additional accessories required)

CBX20224H

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

CBX20224H

- For Comfort ST500, RA4224E and UN

Digital 572

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

Technical data

Comfort UN3224

- Encoder: No
- Continuous sound pressure level (max.) [dB(A)]: 70
- Connection type: Conventional
- Protection class: IP67
- Width gate wing (max.) [m]: 3.5
- Weight of gate leaf (max.) [kg]: 600
- 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
- Output torque [Nm]: 250
- Operating mode (duty cycle): S2 - 8 min
- Motor power [kW]: 0.12
- Opening angle (max.) [°]: 90
- Operating voltage [V]: 24 V-DC
- Operating voltage type: Direct current
- Motor voltage [V]: 24 V-DC
- Rated current [A]: 5
- Width [mm]: 346
- Height [mm]: 160
- Depth [mm]: 412
- Depth (min.) [mm]: 412
- Depth (max.) [mm]: 412
- Weight [kg]: 10.8
- Garantie: 5 years

CBX20224H

- Radio frequency: 868 MHz
- Radio technology: bi.linked
- 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]: 0.28
- Width [mm]: 222
- Height [mm]: 275
- Depth [mm]: 110
- Packing width: 234
- Packing height: 128
- Packing depth/length: 298
- Packing weight: 4.538
- Freight forwarding articles: No
- GTIN: 4062434006641
- Customs tariff number: 85371098
- Country of origin 1000: Italien
- Garantie: -

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: 85269200
- Country of origin 1000: Deutschland
- Garantie: 2 years

Accessories

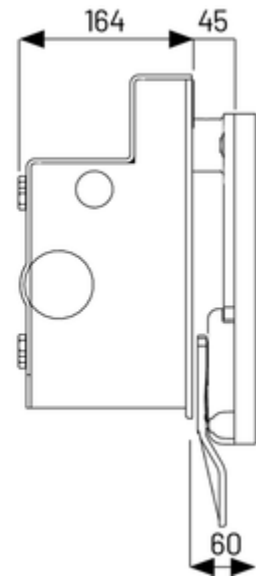
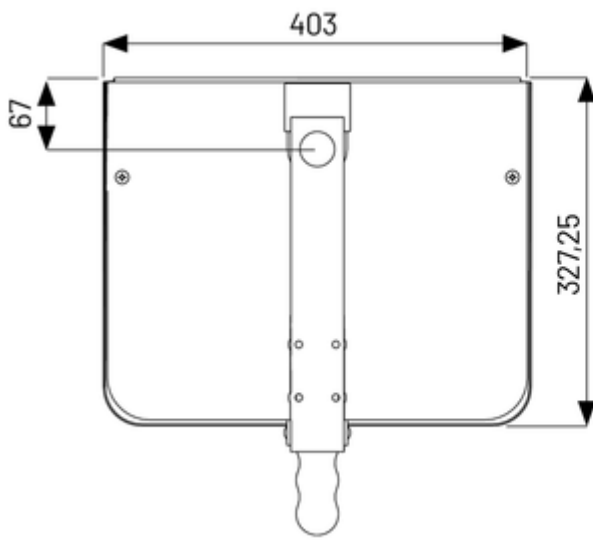
Item no.	Description
178397	CF3 Cataphorized foundation box with galvanized cover and rotating arm with unlocking device
178398	CI3 Stainless steel foundation box with lid and rotating arm with unlocking device
178400	OP100 Chain arm for opening angle > 100°. Max. Leaf length 3 m
178401	ADUN Adapter for CAME foundation boxes

Successors

Item no.	Description	Market launch
191491	Comfort UN3224 Unterflurantrieb-Set für 2-flügelige Drehtore bis 3,5 m: 24 V-DC Motor, 250 Nm, 90°, ohne Encoder	2023-08-15

Technical drawings

Comfort UN3224



CBX20224H

