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Comfort SU700M



Article

Item no.	Description
191494	**Comfort SU700M** Set for sliding gates up to 700 kg: 24 V-DC motor, 26 Nm, 25 cm/s

Scope of delivery

- Motor unit with integrated Control CBX10324 control unit and integrated radio receiver, 868 MHz bi.linked
- 2 Digital 572 Micro hand transmitter 2-channel, 868 MHz bi.linked
- LS22 throughbeam photoelectric sensor without connecting cable
- Pre-assembled spur gear module 4
- Floor console

Features

Comfort SU700M

Features

- Current-dependent obstacle detection - no active closing edge protection necessary
- End position setting via magnetic limit switch lugs
- Gear reduction with extra-large bearing with high performance
- Very quiet mechanism
- All mechanical parts protected against weather influences

CBX10224

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

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

CBX10224

- For Comfort SU700M and SU1100M. For Parc PA4 and PA68

Digital 572

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

Technical data

Comfort SU700M

- End position system: Magnetic limit switch lugs
- Continuous sound pressure level (max.) [dB(A)]: 70
- Connection type: Conventional
- Modul: 4
- Protection class: IP44
- Weight of gate leaf (max.) [kg]: 700
- 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]: 26
- Operating mode (duty cycle): S2 - 8 min
- Motor power [kW]: 0.35
- Running speed (max.) [cm/s]: 25
- Operating voltage [V]: 24 V-DC
- Operating voltage type: Direct current
- Motor voltage [V]: 24 V-DC
- Width [mm]: 330
- Height [mm]: 330
- Depth [mm]: 290
- Garantie: 5 years

CBX10224

- 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]: 24 V-DC
- Control voltage [V]: 24 V-DC
- Load capacity Power (max.) [kW]: 0.15
- Width [mm]: 130
- Height [mm]: 100
- Depth [mm]: 95

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
178410	**KCS** Locking cylinder with 2 keys for securing the emergency release device
178411	**TWIN** Expansion circuit board for synchronous operation of 2 operators
8052649	**Special 471** 1 m rack, module 4, made of plastic
115218	**Special 880** Height-adjustable bracket for Comfort 861(S) and SU, 42-84 mm height
85243	**Screw connection set** for 5 racks
98088	**M4 rack** 1 m rack, module 4, made of steel, bolt attachment. Suitable for a maximum door weight of up to 2,200 kg
121276	**Special 441** 2 m gear rack module 4 made of plastic in aluminum profile with cable duct. Suitable for a maximum door weight of up to 800 kg
121277	**Special 441** 4 m gear rack module 4 made of plastic in aluminum profile with cable duct. Suitable for a maximum door weight of up to 800 kg
82517	**Radial damper M4** Radial damper module 4 for regulating the closing speed of unlocked sliding gates
178410	**KCS** Locking cylinder with 2 keys for securing the emergency release device

Predecessors

Item no.	Description	Discontinuation
178408	**Comfort SU700M** Set for sliding gates up to 700 kg: 24 V-DC motor, 26 Nm, 25 cm/s	2024-02-05

Technical drawings

Comfort SU700M



