



# HINGED GATE OPERATORS

HIGH-QUALITY SOLUTIONS FOR HINGED GATE SYSTEMS



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# NOVOSWING

## OPERATOR FOR HINGED GATES PRIVATE AREAS

Our NovoSwing operator for hinged gates with its powerful 24 V motor is a real multi-talent. It easily opens hinged gates with a width of up to 1.80 m and a max. door weight of 200 kg and thus feels perfectly comfortable in the private area. Its intelligent and highly sophisticated inner workings are just as good as the external modern shape. The drive's excellent abilities are further complemented by its easy 3-button programming device as well as various special functions.



### 01

#### Easy programming

What is even better than a product that offers comfort and, in addition to it, that can be installed easily and speedily? Our well-proven 3-button programming device will ensure that the menu navigation of all the TORMATIC drives is structured in the same way. What a great relief!



### 02

#### Force monitoring

The integrated force monitoring with its obstacle detection will spare you the expensive installation of safety contact strips, thus saving a lot of time and money hereby.



### 03

#### Safety technology

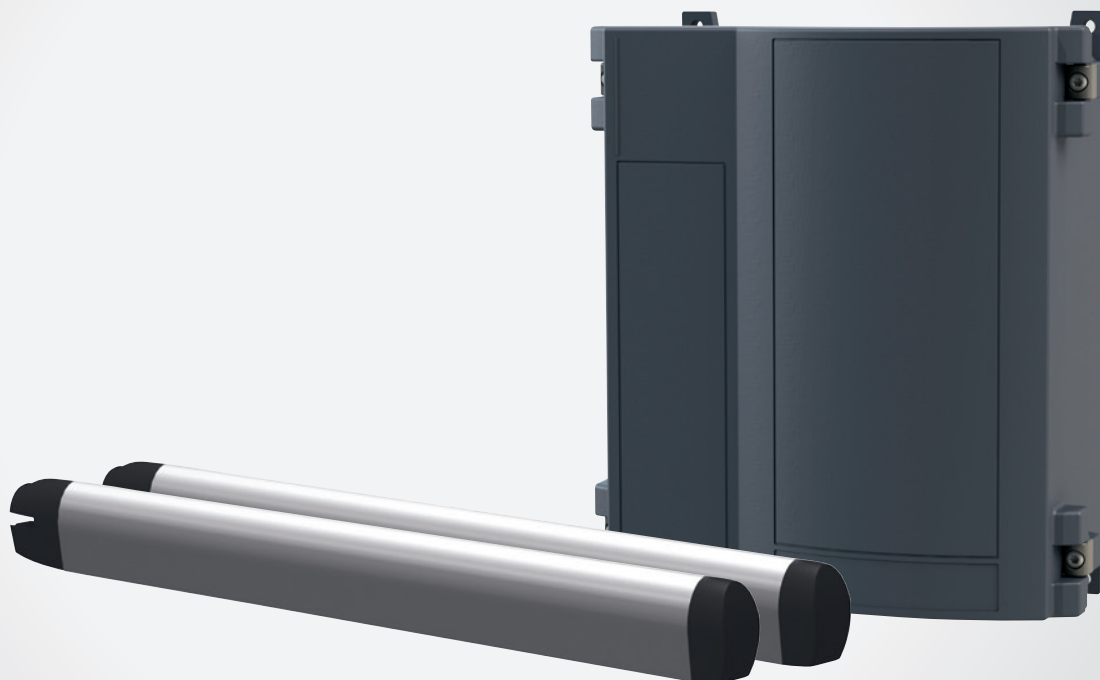
The 24 V technology of the NovoSwing will ensure the highest degree of safety in each and every situation. The NovoSwing is equipped with a path measurement system and works with an automatic shutoff for both running directions.



### 04

#### Intelligent accessories

Our comprehensive range of accessories offers the right products to satisfy all needs. Be it radio systems, safety devices or other pulse generators, with TORMATIC products you will always be on the safe side and ideally equipped.



## AT A GLANCE

Electro-mechanical 24 V overground-hinged gate operator

Suitable for hinged gates with a max. gate leaf width up to 1.80 m x 2.00 m and a max. door weight of 200 kg

For private areas

Easy and simple 3-button programming

Electronic running way detection

Integrated force observation with obstacle detection

Door leaf surface min. 50 % wind permeability



## TECHNICAL DATA

Push and pull force	1500 N
Supply voltage	230 V / 50 Hz
Working current	1 A
Operating voltage motor	24 V DC
Power consumption	250 W
Opening time for 90°	Approx. 19 sec.
Maximum gate leaf width (w x h)	1.80 m x 2.00 m
Maximum door weight	200 kg
Radio control	433 MHz, KeeLoq rolling code
Gear	Self-locking worm gear
Emergency release	Integrated
Blocking	Mechanical
Connecting further safety features	In open/closed position
End-stop cut-out	Limit stop detection of the end position
Further functions	Soft Start / Soft Stop

## THE SET

2 x NovoSwing overground hinged gate operator

NovoSwing control unit

Hand transmitter MAX 43-2

Radio receiver



# POWERSWING

## OPERATOR FOR HINGED GATES FOR PRIVATE AREAS

The PowerSwing is a powerful operator for hinged gates with a width of up to 2.50 m (without electric lock) or up to 3.00m (with electric lock). Due to the Procoder contained in the set, this drive focuses particularly on the subject of security: The integrated force monitoring, obstacle detection and electronic running way detection systems will give you peace of mind at any time. And last but not least, the PowerSwing convinces you by its easy and simple programming.



### 01

#### Easy programming

The programming is quickly done with the easy menu navigation of the E145 control unit.



### 02

#### Force monitoring

You will always be on the safe side with the Procoder contained in the set. This way of detecting obstacles will spare you the expensive installation of safety contact strips, thus saving you a lot of time and money.



### 03

#### Safety technology

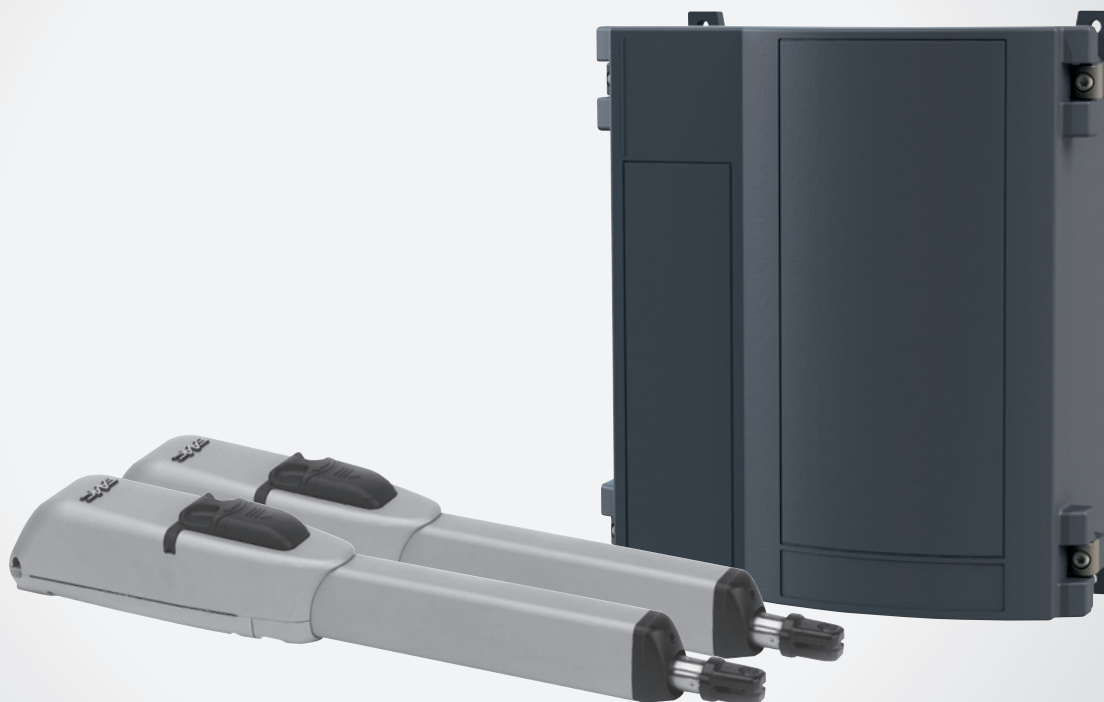
The Procoder technology recognizes obstacles immediately. It is also used for the precise limit stop in open or closed position.



### 04

#### Intelligent accessories

Our comprehensive range of accessories offers the right products to satisfy all needs. Be it radio systems, safety devices or other pulse generators, with TORMATIC products you will always be ideally equipped in each and every situation.



## AT A GLANCE

Electro-mechanical 230 V linear operator
Suitable for hinged gates with a max. gate leaf width up to 2.50 m (3.00 m), and a max. door weight of 400 kg
For private areas
With electric lock
Easy and speedy programming
Electronic running way detection (Procoder)
Integrated force observation with obstacle detection (Procoder)

## DAS SET

2 x overground hinged gate operator PowerSwing

Control unit E145

Hand transmitter MAX 43-2

Radio receiver

2 x Procoder



## CE TECHNICAL DATA

Push and pull force	2800 N
Supply voltage	230 V / 50 Hz
Working current	1.3 A
Operating voltage motor	230 V
Power consumption	300 W
Opening time for 90°	Approx. 20 sec.
Maximum gate leaf width	2.50 m (3.00 m)
Maximum door weight	400 kg
Piston stroke	300 mm
Radio control	433 MHz, KeeLoq rolling code
Gear	Self-locking worm gear
Emergency release	Integrated
Blocking	Mechanical
Connecting further safety features	In open/closed position
End-stop cut-out	Fixed limit stops at the gate
Further functions	Soft Stop via control unit

# 400

## CBAC | SB | SB LANGHUB

### OPERATOR FOR HINGED GATES IN THE COMMERCIAL SECTOR

The operator 400 is a powerful model in 3 variants (CBAC, SB, SB lang) and particularly suitable for the commercial sector. Depending on the door wing design, widths up to 4 m can be automatically operated. This operator distinguishes itself especially by its high-quality, wear-resistant hydraulic system and low-noise operations.



#### 01

##### Easy programming

The gate will be programmed with the menu navigation of the E145 control unit.



#### 02

##### Smooth running gate operations

The Soft Stop function creates the best conditions for smooth running gate operations.



#### 03

##### Intelligent accessories

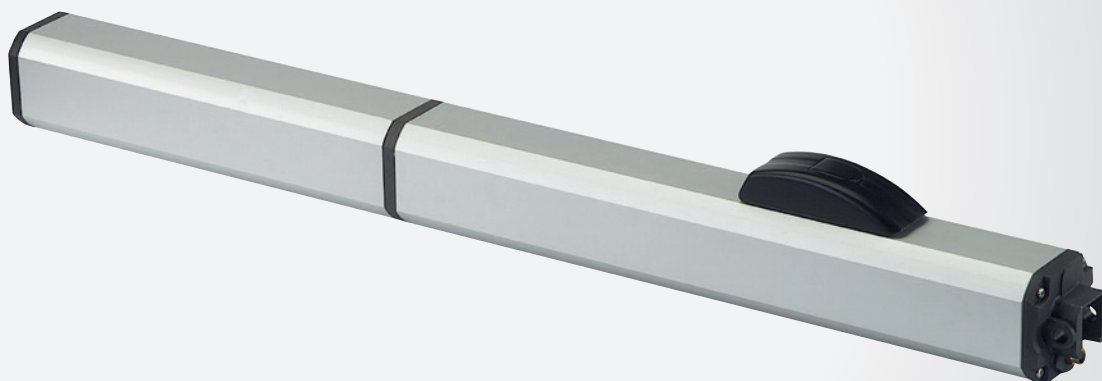
We offer suitable accessories for each and every situation. For further information please refer to our price list.



#### 04

##### Robust material

The operators impress by their particularly wear-resistant hydraulic systems; they have a long service life and work reliably.



## AT A GLANCE

Electro-hydraulic 230 V overground hinged gate operator

Suitable for hinged gates with a max. gate leaf width up to 2.20 m (CBAC), 4.00 m (SB) and 3.50 m (SB Langhub)

For the commercial sector

Silent mode

Emergency release via lockable release lock

High-quality, wear-resistant hydraulic system

*Optionally:* obstacle detection via Savecoder



## TECHNICAL DATA

CBAC | SB | SB LANG

Push and pull force	6200 N   6200 N   4650 N
Supply voltage	230 V / 50 Hz
Working current	1 A
Operating voltage motor	230 V
Power consumption	220 W
Opening time for 90°	27 sec.   27 sec.   26 sec.
Maximum gate leaf width	2.20 m   4.00 m   2.50 m
Maximum door weight	400 kg
Piston stroke	260 mm   260 mm   380 mm
Radio control	433 MHz, KeeLoq rolling code
Gear	Hydraulic
Emergency release	Integrated
Blocking	Hydraulic, electric lock required (SB, SB Langhub)
Connecting further safety features	In open/closed position (CBAC), without (SB, SB Langhub)
End-stop cut-out	Programmable, mechanical limit stop by customers
Further functions	Soft Stop via control unit

## THE SET

Electro-hydraulic overground hinged gate operator 400 (CBAC, SB or SB Langhub)

Mounting material

Unlocking key

Motor condenser 8 µF

*The control unit needs to be ordered separately.*



# 402

## CBC

### OPERATOR FOR HINGED GATES IN THE PRIVATE AREA AS WELL AS FOR SMALL TRADES & BUSINESSES

The 402 BCB is an electro-hydraulic 230 V overground hinged gate operator, which distinguishes itself by its high-quality hydraulic system. This operator is ideal for gates with a max. gate leaf width of up to 1.80 m and a maximum weight of 250 kg. Its extremely silent mode makes the 402 CBC particularly suitable for the private area, but also for objects run by small trades & businesses.



#### 01

##### Force setting

The force can be separately set for the open and closed positions via valves.



#### 02

##### Intelligent accessories

Our comprehensive range of accessories offers the right products to satisfy all needs. Be it radio systems, safety devices or other pulse generators, with TORMATIC products you will always be ideally equipped in each and every situation.



#### 03

##### Long-lasting hydraulic system

The drive distinguishes itself particularly by its high reliability, its heavy-duty design and its wear resistance.



#### 04

##### The control

The control E145 can be used in various ways and for all 240 V swing gate operators. Both the motor run time and the break time can be programmed.



## AT A GLANCE

Electro-hydraulic 230 V overground hinged gate operator

Suitable for gates with a maximum gate leaf width of 1.80 m and a max. door weight of 250 kg

For the private area as well as small trades and businesses

Silent mode

Power can be adjusted separately with the valves for open/close positions

High-quality, wear-resistant hydraulic system

*Optionally:* obstacle detection via Savecoder

## THE COMPLETE "LEADER KIT"

2 x electro-hydraulic overground hinged gate operator 402 CBC

Control unit in housing

Hand transmitter (433 MHz, KeeLoq)

Mounting material

Light barrier

Radio receiver (433 MHz, KeeLoq)



## TECHNICAL DATA

Push and pull force	5000 N
Supply voltage	230 V
Working current	1 A
Operating voltage motor	230 V
Power consumption	220 W
Opening time for 90°	20 sec.
Maximum gate leaf width	1.80 m
Maximum door weight	250 kg
Radio control	433 MHz, KeeLoq rolling code
Gear	Hydraulic
Emergency release	Integrated
Blocking	Hydraulic
Connecting further safety features	In closed position
End-stop cut-out	Programmable, mechanical limit stop by customers
Further functions	Soft Stop via control unit





# 750

## CBAC | SB

### OPERATOR FOR HINGED GATES IN THE PRIVATE AREA AS WELL AS FOR SMALL TRADES & BUSINESSES

The operators of the 750 series are suitable for hinged gates with a maximum gate leaf width of 1.80 m (CBAC) and 4.00 m (SB). They distinguish themselves by their high-quality as well as wear-resistant hydraulic system and are ideal for architecturally and artistically valuable gates.



#### 01

##### Easy programming

The hinged gate will be programmed with the menu navigation of the E145 control.



#### 02

##### Intelligent accessories

You will find a comprehensive range of accessories and safety devices in our price list. The right item for each application.



#### 03

##### Obstacle detection

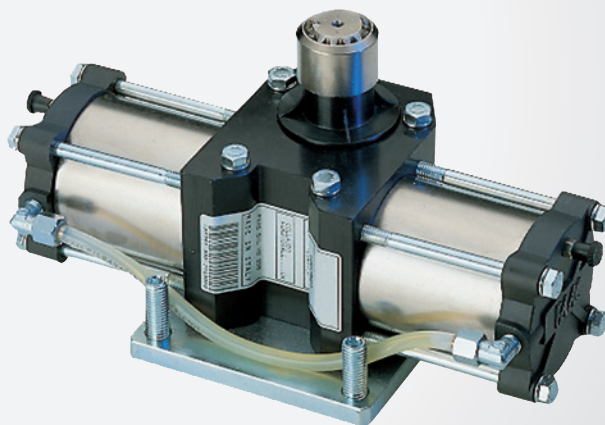
The optional obstacle detection via a Safecoder will ensure extra safety in every-day life.



#### 04

##### The control

The control E145 can be used in various ways and for all 230 V swing gate operators. Both the motor run time and the break time can be programmed.



## AT A GLANCE

Electro-hydraulic 230 V overground hinged gate operator

Suitable for hinged gates with a maximum gate leaf width of 1.80 m (CBAC) and 4.00 m (SB) and a max. door weight of 800 kg

For the private area as well as small trades and businesses

Ideal for architecturally and artistically valuable gates

High-quality, wear-resistant hydraulic

Emergency release at the pump unit

Available variants of the under-floor rotary cylinder for the hydraulic units are: opening angles of 100° and 180°

*Optionally:* obstacle detection via Savecoder

## THE SET

Electro-hydraulic underground hinged gate operator (CBAC or SB)

Hydraulic pump unit in the housing

Motor capacitor 8 µF

*Control unit and rotary cylinder needs to be ordered separately.*



## TECHNICAL DATA

Torque	543 Nm
Supply voltage	230 V / 50 Hz
Working current	1 A
Operating voltage motor	230 V
Power consumption	220 W
Opening time for 90°	Approx. 12-15 sec.
Maximum gate leaf width	1.80 m (CBAC), 4.00 m (SB)
Maximum door weight	800 kg
Radio control	433 MHz, KeeLoq rolling code
Gear	Hydraulic
Emergency release	Via lever at the hydraulic unit
Blocking	Hydraulic
Connecting further safety features	In open/closed position (CBAC), without (SB)
End-stop cut-out	Programmable, mechanical limit stop by customers
Further functions	Soft Stop via control unit

# S 800 H

24 V CBAC I SB  
230 V CBAC I SB

## OPERATOR FOR GATES IN THE PRIVATE AREA AS WELL AS FOR SMALL TRADES & BUSINESSES

The S 800 H is suitable for gates with a maximum gate leaf width of 2.00 m (CBAC) and 4.00 m (SB). This electro-hydraulic underground hinged gate operator with its patented hydraulic-hybrid technology thus combines the advantages of hydraulic systems and modern engineering in one drive.



### 01

#### Robust material

The operators impress by their particularly wear-resistant hydraulic systems; they have a long service life and work reliably.



### 02

#### The control

The controls E024 S (S 800 H 24 V) and E145 (S 800 H 230 V) offer special comfort. They are equipped with a BUS-X IB interface, which can be used for connecting conventional safety devices.



### 03

#### Intelligent accessories

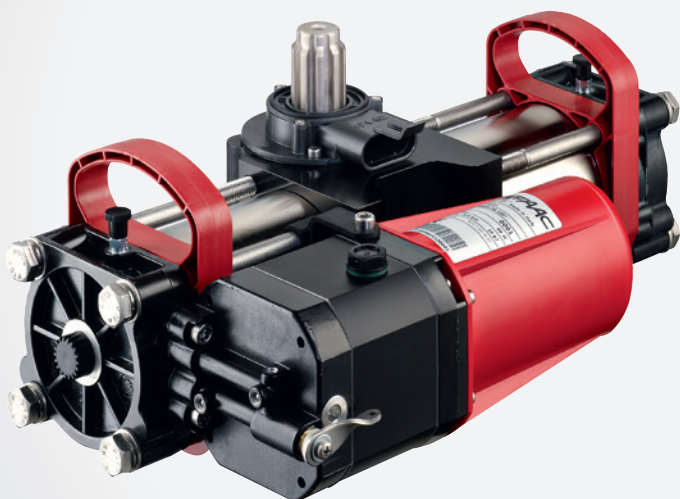
Our comprehensive range of accessories offers the right products to satisfy all needs. Be it radio systems, safety devices or other pulse generators, with TORMATIC products you will always be on the safe side and ideally equipped.



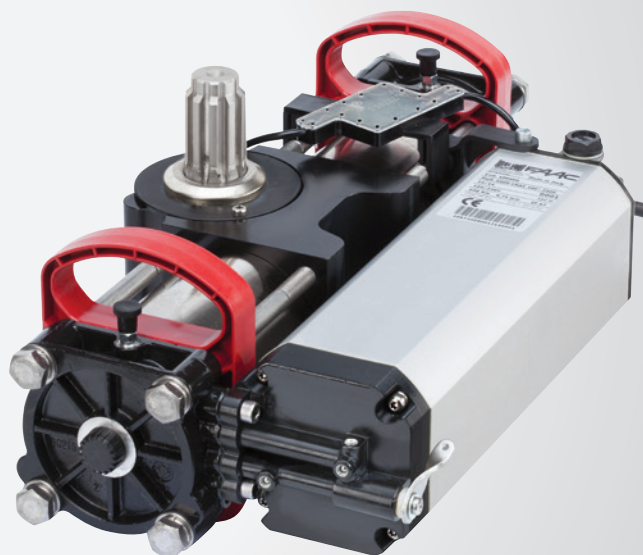
### 04

#### Safety

Integrated safety as a result of operations being force-monitored. Light barriers and safety contact strips can be connected without any problems, with the strips being controlled via a separate evaluation unit.



S 800 H 24 V



S 800 H 230 V

## AT A GLANCE

Electro-hydraulic 230 V or 24 V underground hybrid operator

Suitable for single and double leafed swing gates up to a maximum gate leaf width of 2.00 m (CBAC) and 4.00 m (SB) and max. 800 kg door weight

For the private area as well as small trades and businesses

Patented 24 V or 230 V hydraulic-hybrid technology

Opening angle: 100° or 180°

Stability due to door carrying mounting tray

Integrated force monitoring with obstacle detection

*Optionally:* BUS-X IB interface for connecting conventional safety devices

## THE SET

Electro-hydraulic underground hybrid operator (CBAC or SB)

Magnet encoder

Motor condensor 8  $\mu$ F  
(S 800 H 230 V only)

*Control unit and emergency release must be ordered separately.*



## TECHNICAL DATA

	24 V	I	230 V
Torque	575 Nm		
Supply voltage	230 V / 50 Hz		
Working current	N/A		
Operating voltage motor	24 V DC	I	230 V
Power consumption	220 W		
Opening time for 90°	Approx. 15 sec.		
Maximum gate leaf width	2.00 m (CBAC), 4.00 m (SB)		
Maximum door weight	800 kg		
Radio control	433 MHz, KeeLoq rolling code		
Gear	Hydraulic		
Emergency release	Via lockable release lock		
Blocking	Hydraulic		
Connecting further safety features	In open/closed position (CBAC), without (SB)		
End-stop cut-out	Integrated end positions		
Further functions	Soft Stop via control unit		

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# THE EXTENSIVE ACCESSORY RANGE

HERE NOT ONLY HIGH REQUIREMENTS ON COMFORT AND SAFETY ARE MET BUT A PARTICULAR FOCUS IS ALSO PLACED ON DESIGN AND AESTHETICS. DISCOVER THE TRADITIONAL TORMATIC QUALITY ON WHICH YOU CAN RELY EVERY DAY OF YOUR LIFE.

## RADIO SYSTEMS



### Hand transmitter BLACK Remote

3-channel hand transmitter, 433 MHz, with KeeLoq rolling code

201220-02-1-50



### Hand transmitter WHITE Remote

3-channel hand transmitter, 433 MHz, with KeeLoq rolling code

201200-02-1-50



### Hand transmitter MAX 43-2

2-channel hand transmitter, 433 MHz, with KeeLoq rolling code

020429-31-3-32



### Hand transmitter MAX 43-4

4-channel hand transmitter, 433 MHz, with KeeLoq rolling code

020431-31-3-32

## LIGHT BARRIERS AND SAFETY DEVICES



### Light barrier FAAC XP15B

2-wire BUS system, 24 V (optional: with battery), range: 15 m, IP 54

020415-31-3-32



### Light barrier FAAC XP20WD

3-wire BUS system, 24 V, range: 15 m, IP 54, rotatable optics, wireless: optional

020457-31-3-32



### Light barrier LS 5F

Extra 625, range: 8 m

020412-31-3-32



### Universal electric key, type: Mini

Prepared for profile half-cylinder, for narrow posts

020242-31-3-32



### Ground locking device

Electro-mechanical system

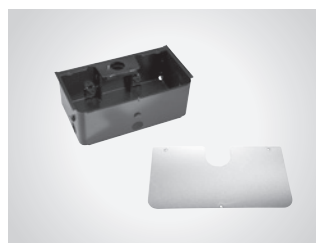
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### Emergency release for S 800 H

With castellated sleeve

020395-31-3-32



### Housing for S 800 H

Coated, gate-carrying sheet-metal housing, with satin-finished stainless steel cover

020370-31-3-32



### Castellated sleeve

For S 800 H

020384-31-3-32



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