



Empowered by
U-LINK

SLIDING GATES

Automation systems



Be ahead



DEIMOS BT A

Sliding gate automation systems

Description

Range of operators for sliding gates weighing up to 600 Kg.
Maximum leaf speed up to 16 m/min.
Residential use.



Technical features

Description	DEIMOS BT A400	DEIMOS BT A400 V	DEIMOS BT A600	DEIMOS BT A600 V
Code	P925222 00002	P925222 00003	P925224 00002	P925224 00003
Board power supply	230 V	230 V	230 V	230 V
Operator Power Supply	24 V	24 V	24 V	24 V
Max Leaf	400 kg	300 kg	600 kg	360 kg
Control unit	HAMAL SL1	HAMAL SL1	HAMAL SL2	HAMAL SL2
Speed	12 m/min	16 m/min	12 m/min	16 m/min
Impact reaction	d-track	d-track	d-track	d-track
Frequency of use	intensive	intensive	intensive	intensive
Slowdown	yes	yes	yes	yes
120V Board power supply availability (*)	yes	yes	yes	yes

(*) For product code and availability of 120V models see www.bft-automation.com



DEIMOS ULTRA BT A

Sliding gate automation systems

Description

Range of operators for sliding gates weighing up to 600 Kg.
Maximum leaf speed up to 16 m/min.
Newly designed magnetic limit switch for quicker installation; precise and perfectly integrated with architecture of site. Residential use.



Technical features

Description	DEIMOS ULTRA BT A400	DEIMOS ULTRA BT A400 V	DEIMOS ULTRA BT A600	DEIMOS ULTRA BT A600 V
Code	P925221 00002	P925221 00003	P925223 00002	P925223 00003
Board power supply	230 V	230 V	230 V	230 V
Operator Power Supply	24 V	24 V	24 V	24 V
Max Leaf	400 kg	300 kg	600 kg	360 kg
Control unit	MERAK SL1	MERAK SL1	MERAK SL2	MERAK SL2
Speed	12 m/min	16 m/min	12 m/min	16 m/min
Impact reaction	d-track	d-track	d-track	d-track
Frequency of use	intensive	intensive	intensive	intensive
Slowdown	yes	yes	yes	yes
120V Board power supply availability (*)	yes	no	no	no

(*) For product code and availability of 120V models see www.bft-automation.com



DEIMOS AC A

Sliding gate automation systems

Description

Range of 230V residential operators for sliding gates up to 800 kg, max. speed 11 m/min. Extremely simple to install and totally safe to use thanks to full compliance with current European regulations.
Electromechanical limit switches.
Programming with trimmer and dip switch.



Technical features

Description	DEIMOS AC A600	DEIMOS AC A600 V	DEIMOS AC A800 SL DN	DEIMOS AC A800 V SL DN
Code	P925230 00002	P925230 00003	P925231 00002	P925253 00003
Board power supply	230 V	230 V	230 V	230 V
Operator Power Supply	230 V	230 V	230 V	230 V
Max Leaf	600 kg	370 Kg	800 Kg	400 Kg
Control unit	SHYRA AC	SHYRA AC	SHYRA F-AC	SHYRA F-AC
Speed	9 m/min	11 m/min	9 m/min	11 m/min
Impact reaction	Mechanical clutch	Mechanical clutch	Electronic clutch	Electronic clutch
Type of limit switch	Electromechanical	Electromechanical	Electromechanical	Electromechanical
Frequency of use	semi-intensive	semi-intensive	semi-intensive	semi-intensive
Slowdown	no	no	yes	yes
120V Board power supply availability (*)	yes	yes	yes	yes

(*) For product code and availability of 120V models see www.bft-automation.com



ARES VELOCE BT A

Sliding gate automation systems

Description

24 V fast-action operator for very intensive use for sliding gates up to 500 kg. Gate panel speed 25 m/min. Torque control thanks to D-Track technology. Control unit for communication with U-Link protocol. Operator with electromechanical limit switch. The ideal solution for situations which require fast operating speeds, reduced waiting times and high levels of security.



Technical features

Description	ARES VELOCE SMART BT A500
Code	P926198 00002
Operator Power Supply	230 V
Alimentazione motore	24 V
Max Leaf	500 kg
Control unit	MERAK SV
Speed	25 m/min
Impact reaction	8K2 safety edge (not supplied)
Frequency of use	intensive
Slowdown	yes



ARES BT A

Sliding gate automation systems

Description

Range of 24V sliding gate operators for intensive use with leaves up to 1500 kg, maximum leaf speed 12 m/min



Technical features

Description	ARES BT A1000	ARES BT A1000 V	ARES BT A1500	ARES BT A1500 V
Code	P926189 00002	P926190 00002	P926187 00002	P926188 00002
Board power supply	230 V	230 V	230 V	230 V
Operator Power Supply	24 V	24 V	24 V	24 V
Max Leaf	1000 kg	500 kg	1500 kg	750 kg
Control unit	HAMAL	HAMAL	HAMAL	HAMAL
Speed	9 m/min	12 m/min	9 m/min	12 m/min
Impact reaction	d-track	d-track	d-track	d-track
Frequency of use	intensive	intensive	intensive	intensive
Slowdown	yes	yes	yes	yes
120V Board power supply availability (*)	yes	no	yes	no

(*) For product code and availability of 120V models see www.bft-automation.com



ARES ULTRA BT A

Sliding gate automation systems

Description

24 V sliding gates operator for intensive use, up to 1500 Kg in weight. Leaf speed up to 9 m/min. Magnetic limit switch and control board with U-link protocol embedded



Technical features

Description	ARES ULTRA BT A1000	ARES ULTRA BT A1500
Code	P926193 00002	P926191 00002
Board power supply	230 V	230 V
Operator Power Supply	24 V	24 V
Max Leaf	1000 kg	1500 kg
Control unit	MERAK	MERAK
Speed	9 m/min	9 m/min
Impact reaction	d-track	d-track
Frequency of use	intensive	intensive
120V Board power supply availability (*)	yes	yes

(*) For product code and availability of 120V models see www.bft-automation.com



ICARO VELOCE SMART AC A

Automated operators for sliding gates

Description

230 V fast-action operator for very intensive use for sliding gates up to 1,000 kg, extremely robust and high-performance thanks to oil bath transmission. Gate panel speed 25 m/min. Torque control thanks to D-Track technology and absolute encoder for the highest possible precision of movement. Control unit for communication with U-Link protocol and with burglar-resistant function. Operator with electromagnetic limit switch. The ideal solution for situations which require fast operating speeds, reduced waiting times and high levels of security.



Technical specifications

Description	ICARO VELOCE SMART AC A1000
Code	P925256 00002
Panel power supply	230 V
Motor power supply	230 V
Gate panel weight	1,000 kg
Control unit	LEO B CCB L02
Speed	25 m/min
Impact reaction	BK2 safety edge (not supplied)
Frequency of use	very intensive
Slowdown of movements	yes



ICARO SMART AC A

Sliding gate automation systems

Description

230V sliding gate operators for very intensive use, extremely sturdy and high-performance with oil bath transmission. Control of torque via D-track technology and absolute encoder for maximum precision of movement. Control unit is U-Link compatible and with tamper-proof function. The control panel provides safety with the exclusive torque control system that makes these operators comply fully with the current European standards.



Technical features

Description	ICARO SMART AC A2000 V	ICARO SMART AC A2000
Code	P925237 00002	P925236 00002
Board power supply	230 V	230V
Operator Power Supply	230 V	230 V
Max Leaf	1000 kg	2000 kg
Control unit	LEO B CBB L02	LEO B CBB L02
Speed	12 m/min	9 m/min
Impact reaction	Mechanical clutch + encoder	Mechanical clutch + encoder
Frequency of use	very-intensive	very-intensive
120V Board power supply availability (*)	yes	yes

(*) For product code and availability of 120V models see www.bft-automation.com



ICARO ULTRA AC A

Sliding gate automation systems

Description

230V sliding gate operators for very intensive use, extremely sturdy and high-performance thanks to oil bath transmission. Control of torque via D-track technology and absolute encoder for maximum precision of movement. Control unit arranged for communication with U-link protocol and with tamper-proof function. The control unit ensures complete safety thanks to the exclusive torque control system that makes these operators comply fully with the current European standards.



Technical features

Description	ICARO ULTRA AC A2000
Code	P925238 00002
Board power supply	230V
Operator Power Supply	230 V
Max Leaf	2000 kg
Control unit	LEO B CBB L02
Speed	9 m/min
Impact reaction	Mechanical clutch + encoder
Frequency of use	very-intensive



SP3500

Sliding gate automation systems

Description

Powerful, robust operators three-phase power supply designed specifically for large, heavy gates. The heavy structure of the gear motor, the painted galvanised steel casing and the on-board control unit make it the ideal solution for all industrial situations where reliability and power are essential.



Technical features

Description	SP3500 TRI 400	SP3500 SF TRI 400	SP3500 TRI 230
Code	P925207 00001	P925244 00003	P925207 00002
Board power supply	400 V	400 V	230 V
Operator Power Supply	400 V	400 V	230 V
Max Leaf	3500 kg	3500 kg	3500 kg
Control unit	SIRIO CBB	SIRIO CBB	SIRIO CBB
Speed	10 m/min	10 m/min	10.5 m/min
Impact reaction	Sensitive edge	Sensitive edge	Sensitive edge
Frequency of use	very intensive	very intensive	very intensive



DEIMOS ULTRA BT KIT A400 FRA

Complete kit 24 V for sliding gates weighing up to 400 kg. Leaf speed 12 m/min. U-Link and magnetic limit switch



R925265 00002

The KIT includes

- 1- DEIMOS ULTRA BT A400 Operator 24 V for sliding gates up to 400 kg in weight. Leaf speed 12 m/min. Limit switch magnetic . U-Link and magnetic limit switch
- 2- Mitto B Rcb04 R1 Transmitter with 4 channels. Range 50/100 m. Power supply 12 V with 1 battery type 23 A
- 1- COMPACTA A20-180 Pair of photocells adjustable 180° horizontally. Range 20m. Power supply 12 – 33Vac / 15 – 35Vdc.
- 1- RADIUS LED BT A R1 Flashing light with incorporated antenna for motors with power supply 24 V.



DEIMOS BT KIT A400 FRA

Complete kit 24 V for sliding gates weighing up to 400 kg. Leaf speed 12 m/min. Limit switch electromechanical.



R925267 00002

The KIT includes

- 1- DEIMOS BT A400 Operator 24 V for sliding gates up to 400 kg in weight. Leaf speed 12 m/min. Limit switch electromechanical .
- 2- Mitto B Rcb04 R1 Transmitter with 4 channels. Range 50/100 m. Power supply 12 V with 1 battery type 23 A
- 1- COMPACTA A20-180 Pair of photocells adjustable 180° horizontally. Range 20m. Power supply 12 – 33Vac / 15 – 35Vdc.
- 1- RADIUS LED BT A R1 Flashing light with incorporated antenna for motors with power supply 24 V.



DEIMOS ULTRA BT KIT A600 FRA

Complete kit 24 V for sliding gates weighing up to 600 kg. Leaf speed 12 m/min. U-Link and magnetic limit switch



R925269 00002

The KIT includes

- 1- DEIMOS ULTRA BT A600 Operator 24 V for sliding gates up to 600 kg in weight. Leaf speed 12 m/min. Limit switch magnetic . U-Link and magnetic limit switch
- 2- Mitto B Rcb04 R1 Transmitter with 4 channels. Range 50/100 m. Power supply 12 V with 1 battery type 23 A
- 1- COMPACTA A20-180 Pair of photocells adjustable 180° horizontally. Range 20m. Power supply 12 – 33Vac / 15 – 35Vdc.
- 1- RADIUS LED BT A R1 Flashing light with incorporated antenna for motors with power supply 24 V.



DEIMOS BT KIT A600 FRA

Complete kit 24 V for sliding gates weighing up to 600 kg. Leaf speed 12 m/min. Limit switch electromechanical.



R925271 00002

The KIT includes

- 1- DEIMOS BT A600 Operator 24 V for sliding gates up to 600 kg in weight. Leaf speed 12 m/min. Limit switch electromechanical .
- 2- Mitto B Rcb04 R1 Transmitter with 4 channels. Range 50/100 m. Power supply 12 V with 1 battery type 23 A
- 1- COMPACTA A20-180 Pair of photocells adjustable 180° horizontally. Range 20m. Power supply 12 – 33Vac / 15 – 35Vdc.
- 1- RADIUS LED BT A R1 Flashing light with incorporated antenna for motors with power supply 24 V.





KIT DEIMOS AC A600 FRA

Complete kit 230 V for sliding gates weighing up to 600 kg. Leaf speed 9 m/min. Limit switch electromechanical.



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Silentech

R925281 00002

The KIT includes

- 1- DEIMOS AC A600 Operator 230 V for sliding gates up to 600 kg in weight. Leaf speed 9 m/min. Limit switch electromechanical . Limit switch electromechanical
- 2- Mitto B Rcb04 R1 Transmitter with 4 channels. Range 50/100 m. Power supply 12 V with 1 battery type 23 A
- 1- COMPACTA A20-180 Pair of photocells adjustable 180° horizontally. Range 20m. Power supply 12 – 33Vac / 15 – 35Vdc.
- 1- RADIUS LED AC A R1 Flashing light with incorporated antenna for motors with power supply 230 V.



ARES ULTRA BT KIT A1000 FRA

Complete 24V kit for sliding gates with leaves up to 1000 kg.



24 V



d-track



U-Link



Silentech

R925295 00001

The KIT includes

- 1- ARES ULTRA BT A1000 Operator 24 V for sliding gates up to 1000 kg in weight. Leaf speed 9 m/min. Limit switch magnetic .
- 2- Mitto B Rcb04 R1 Transmitter with 4 channels. Range 50/100 m. Power supply 12 V with 1 battery type 23 A
- 1- COMPACTA A20-180 Pair of photocells adjustable 180° horizontally. Range 20m. Power supply 12 – 33Vac / 15 – 35Vdc.
- 1- RADIUS LED BT A R1 Flashing light with incorporated antenna for motors with power supply 24 V.



DEIMOS KIT AC A800 FRA SL DN

Complete kit 230 V for sliding gates weighing up to 800 kg. Leaf speed 9 m/min. Limit switch electromechanical.



ee link



er ready



Silentech

R925332 00002

The KIT includes

- 1- DEIMOS AC A800 FRA SL DN Operator 230 V for sliding gates up to 800 kg in weight. Leaf speed 9 m/min. Limit switch electromechanical . Limit switch electromechanical
- 2- Mitto B Rcb04 R1 Transmitter with 4 channels. Range 50/100 m. Power supply 12 V with 1 battery type 23 A
- 1- COMPACTA A20-180 Pair of photocells adjustable 180° horizontally. Range 20m. Power supply 12 – 33Vac / 15 – 35Vdc.
- 1- RADIUS LED AC A R1 Flashing light with incorporated antenna for motors with power supply 230 V.

**RADIUS LED BT A R1**

D114093 00003

Flashing light with LED technology and built-in receiver antenna. 24 V power supply.

**RADIUS LED BT A R1 W**

D114168 00003

Flashing light with LED technology, built-in receiver antenna and smoky grey cover. 24 V power supply.

**THEA A15 O.PF**

P111528

Pair of positionable photocells with integrated flashing beacon Beam can be positioned 40° horizontally and 10° vertically. Synchronised infrared signal to avoid any possibility of accidental dazzling. Range 30 m. Power supply 24 V ac/dc. For external application.

THEA A15 O.PF UNI

P111714

Pair of positionable photocells with integrated flashing beacon Beam can be positioned 40° horizontally and 10° vertically. Synchronised infrared signal to avoid any possibility of accidental dazzling. Range 30 m. Power supply 24 V ac/dc. For external application.

**COMPACTA A20-180**

P111782

Pair of photocells adjustable 180° horizontally. Range 20m. Power supply 12 - 33Vac / 15 - 35 Vdc

**MITTO B RCBO2 R1**

D111904

Transmitter with 2 channels. Range 50/100 m. Power supply 12 V with 1 battery type 23 A

**MITTO B RCBO4 R1**

D111906

Transmitter with 4 channels. Range 50/100 m. Power supply 12 V with 1 battery type 23 A

**B EBA BLUE ENTRY ANDROID 4**

P111531

BLUE-TOOTH expansion card for Blue Entry system. Manages up to 4 smartphones with the Android operating system

**B EBA BLUE ENTRY ANDROID 8**

P111532

BLUE-TOOTH expansion card for Blue Entry system. Manages up to 8 smartphones with the Android operating system

B EBA BLUE ENTRY ANDROID 16

P111533

BLUE-TOOTH expansion card for Blue Entry system. Manages up to 16 smartphones with the Android operating system

**B EBA BLUE ENTRY iOS 4**

P111748 00002

BLUE-TOOTH expansion card for Blue Entry system. Manages up to 4 smartphones with the iOS operating system

B EBA BLUE ENTRY iOS 8

P111748 00001

BLUE-TOOTH expansion card for Blue Entry system. Manages up to 8 smartphones with the iOS operating system

**B EBA BLUE ENTRY iOS 16**

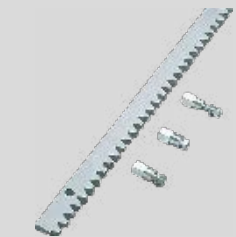
P111748

BLUE-TOOTH expansion card for Blue Entry system. Manages up to 16 smartphones with the iOS operating system

**CP**

D221073

Plastic rack, 4-module, cross-section 22 x 22 mm, length 1 m, screw-fitted into slots

**CVZ**

D571053

Steel rack, 4-module, cross-section 30 x 12 mm, length 1 m, screw-fitted on supports (supplied)

**CFZ**

D571054

Galvanized steel rack for welding, 22x22 mm, 4-module, cross-section from 2 m

**Q.BO TOUCH**

P121024

Wireless digital touch button panel 433Mhz rolling code.

**Q.BO KEY WM**

P121022

Key selector for outdoor use with double contact.

**Q.BO PAD**

P121025

Vandalproof digital push-button panel, for outdoor use. Metal structure and s/steel buttons. Compatible with WIEGAND protocol, it ensures maximum system safety as it does not directly control the opening of the entry point.

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SWINGING GATES

Electromechanical automation
systems for swinging gates



BFT

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PHOBOS AC A

Electromechanical automation for swing gates

Description

Complete range of electromechanical pistons for residential use, suitable for swing gate leaves up to 5 metres wide and weighing up to 500 kg.



Technical features

Description	Phobos AC A25	Phobos AC A50
Code	P935098 00002	P935097 00002
Power supply	230 V	230 V
Gate leaf length	2.5 m	5 m
Max Leaf	400 kg	500 kg
Control unit	RIGEL 6	RIGEL 6
Cycle time	14 sec	18 sec
Impact reaction	electric clutch	electric clutch
Frequency of use	semi-intensive	semi-intensive



PHOBOS BT A

Electromechanical automation for swing gates

Description

Complete range of electromechanical pistons for residential use, suitable for swing gate leaves up to 4 metres wide and weighing up to 500 kg.



Technical features

Description	Phobos BT A25	Phobos BT A40
Code	P935096 00002	P935095 00002
Power supply	24 V	24 V
Gate leaf length	2.5 m	4 m
Max Leaf	400 kg	500 kg
Control unit	ZARA BT L2	ZARA BT L2
Cycle time	15 sec	20 sec
Impact reaction	d-track	d-track
Frequency of use	intensive	intensive



KUSTOS BT A

Electromechanical automation for swing gates

Description

Complete range of electromechanical pistons for residential use, suitable for swing gate leaves up to 4 metres wide and weighing up to 500 kg. Operators with covered worm screw (IP44).



Technical features

Description	KUSTOS BT A25	KUSTOS BT A40
Code	P935099 00002	P935100 00002
Power supply	24 V	24 V
Gate leaf length	2.5 m	4 m
Max Leaf	400 kg	500 kg
Control unit	THALIA	THALIA
Cycle time	13 sec	17 sec
Impact reaction	d-track	d-track
Frequency of use	intensive	intensive



KUSTOS ULTRA BT A

Electromechanical automation for swing gates

Description

Complete range of electromechanical pistons for residential use, suitable for swing gate leaves up to 4 metres wide and weighing up to 500 kg. Operators with covered worm screw (IP44). Integrated mechanical stops.



Technical features

Description	KUSTOS ULTRA BT A25	KUSTOS ULTRA BT A40
Code	P935101 00002	P935102 00002
Power supply	24 V	24 V
Gate leaf length	2.5 m	4 m
Max Leaf	400 kg	500 kg
Control unit	THALIA	THALIA
Cycle time	13 sec	17 sec
Impact reaction	d-track	d-track
Frequency of use	intensive	intensive



VIRGO SMART BT A

Electromechanical automation for swing gates

Description

Electromechanical operator with articulated arm for residential use, for swing gate leaves of up to 2 metres and 200 kg.
Operator-integrated control unit, limit switch and mechanical stops (optional).
Ideal for any installation requirements, makes it easy to solve problems linked to large pillars thanks to the lever system.



Technical features

Description	VIRGO SMART BT A 20	VIRGO SMART BT A 20 SLAVE
Code	P930129 00002	P930130 00002
Control unit	THALIA	
Max Leaf	200 kg	200 kg
Gate leaf length	2 m	2 m
Power supply	24 V	24 V
Cycle time	14 sec	14 sec
Impact reaction	electronic torque limiter	electronic torque limiter
Frequency of use	semi-intensive	semi-intensive



IGEA BT

Electromechanical automation for swing gates

Description

Complete range of irreversible electromechanical operators 24 V for swing gates up to 250 kg of weight and 2.5 m length.



Technical features

Description	IGEA BT
Code	P935070 00002
Power supply	24 V
Gate leaf length	2.5 m
Max Leaf	250 kg
Control unit	THALIA
Cycle time	15 sec
Impact reaction	d-track
Frequency of use	intensive



IGEA

Electromechanical automation for swing gates

Description

Range of electromechanical operators with articulated arm for residential use, for swing gate leaves of up to 2.5 metres and 250 kg. Ideal for installation on large-size pillars thanks to its articulated levers that allow opening up to 125°.



Technical features

Description	IGEA
Code	P935065 00002
Power supply	230 V
Gate leaf length	2.5 m
Max Leaf	250 kg
Control unit	RIGEL 6
Cycle time	15 sec
Impact reaction	electric clutch
Frequency of use	intensive



HIDE SW

Electromechanical automation for swing gates

Description

Residential 24V operator for gates of up to 150 kg in weight, able to integrate completely within the jambs of swing gates. Disappearing completely, it enables keeping the look of the gates "clean" while remaining a fundamental element of operational performance. The Hide range includes an entire outfit of accessories needed to install the gate completely, such as the top and bottom hinges.



Technical features

Description	HIDE SW
Code	P930124 00001
Power supply	24 V
Gate leaf length	2 m
Max Leaf	150 kg
Control unit	CB HIDE
Cycle time	12 sec
Impact reaction	d-track
Frequency of use	intensive



E5 BTA

Electromechanical automated operators for swing gates

Description

24 V reversible electromechanical operator for swing gate panels for pedestrian and vehicular access, for use in homes, apartment buildings.

Its small size means it can be installed on small pillars and columns (minimum width required 8 cm). The slide arm option means constraints such as walls and obstacles close to the operator can be overcome.

The limit switch function is regulated by the absolute encoder. The safety of the operator is provided by the the D-track system which precisely determines the position and force with which the gate moves, using the friction inside the operator and the new articulated and slide arms with anti-shear design.



*full arm NOT included, to be purchased separately.



Technical specifications

Description	E5 BT A12	E5 BT A18
Code	P930027 00003	P930027 00001
Power supply	24 V	24 V
Gate panel length	1.2 m	1.8 m
Gate panel weight	80 kg	100 kg
Control unit	THALIA	THALIA
Operation time	4,5 - 6,5 seconds	14 seconds
Impact reaction	D-Track	D-Track
Max. no. operations	100/hour	100/hour



ELI BT A

Electromechanical automation for swing gates

Description

A complete range of in-ground non-reversible electromechanical operators for swing gates up to 4m long with 24V technology.

The integrated mechanical stops for both opening and closing, allowing the option of a simple installation by reducing the need for physical stops.

The encoder-based limit switch system offers precision and quick installation.



Technical features

Description	ELI BT A35 VELOCE	ELI BT A40
Code	P930133 00002	P930134 00002
Power supply	24 V	24 V
Gate leaf length	3,5 m	4 m
Control unit	THALIA	THALIA
Maximum angle	120°	120°
Opening time to 90°	10" (with slowdown)	14" (with slowdown)
Impact reaction	Electronic clutch (with control panel)	Electronic clutch (with control panel)



ELI AC A

Electromechanical automation for swing gates

Description

A complete range of in-ground non-reversible electromechanical operators for swing gates up to 4m long with 230V motors. The integrated mechanical stops for both opening and closing, allowing the option of a simple installation by reducing the need for physical stops. The magnetic limit switch system (optional) ensures the highest levels of accuracy and reliability over time in all weather conditions.



Technical features

Description	ELI AC A35 VELOCE	ELI AC A40
Code	P930131 00002	P930132 00002
Power supply	230 V	230 V
Gate leaf length	3.5 m	4 m
Control unit	RIGEL 6	RIGEL 6
Maximum angle	120°	120°
Opening time to 90°	11" (no slowdown)	13" (no slowdown)
Impact reaction	Electronic clutch (with control panel)	Electronic clutch (with control panel)



PHOBOS AC KIT A25 FRA

Complete kit 230 V for sliding gates up to 400 kg in weight and 2.5 m in length.



R935304 00003

The KIT includes

- 2 - Phobos AC A25 locking electromechanical operator 230 V for sliding gates weighing up to 400 kg and 2.5 m long.
- 2 - Mitto B Rcb04 R1 Transmitter with 4 channels. Range 50/100 m. Power supply 12 V with 1 battery type 23 A
- 1 - ALENA SW 2 control panel
- 1 - COMPACTA A20-180 Pair of photocells adjustable 180° horizontally. Range 20m. Power supply 12 – 33Vac / 15 – 35Vdc.
- 1 - RADIUS LED AC A R1 Flashing light with incorporated antenna for motors with power supply 230 V.



PHOBOS AC KIT A50 FRA

Complete kit 230 V for sliding gates up to 500 kg in weight and 5 m in length.



R935305 00003

The KIT includes

- 2 - Phobos AC A50 locking electromechanical operator 230 V for sliding gates weighing up to 500 kg and 5 m long.
- 2 - Mitto B Rcb04 R1 Transmitter with 4 channels. Range 50/100 m. Power supply 12 V with 1 battery type 23 A
- 1 - ALENA SW 2 control panel
- 1 - COMPACTA A20-180 Pair of photocells adjustable 180° horizontally. Range 20m. Power supply 12 – 33Vac / 15 – 35Vdc.
- 1 - RADIUS LED AC A R1 Flashing light with incorporated antenna for motors with power supply 230 V.



PHOBOS BT KIT A25 FRA

Complete kit 24 V for sliding gates up to 400 kg in weight and 2.5 m in length.



ee link



24 V



er ready



d-track

R935306 00005

The KIT includes

- 2 - Phobos BT A25 locking electromechanical operator 24 V for swing gates weighing up to 400 kg and 2.5 m long.
- 2 - Mitto B Rcb04 R1 Transmitter with 4 channels. Range 50/100 m. Power supply 12 V with 1 battery type 23 A
- 1 - ZARA BT L2 Control panel for one or two 24V operators for swing gates
- 1 - COMPACTA A20-180 Pair of photocells adjustable 180° horizontally. Range 20m. Power supply 12 – 33Vac / 15 – 35Vdc.
- 1 - RADIUS LED BT A R1 Flashing light with incorporated antenna for motors with power supply 24 V.



KUSTOS KIT A25 FRA

Complete kit 24 V for sliding gates up to 400 kg in weight and 2.5 m in length.



ee link



24 V



er ready



d-track

R935307 00005

The KIT includes

- 2 - KUSTOS BT A25 locking electromechanical operator 24 V for swing gates weighing up to 400 kg and 2.5 m long.
- 2 - Mitto B Rcb04 R1 Transmitter with 4 channels. Range 50/100 m. Power supply 12 V with 1 battery type 23 A
- 1 - ZARA BTL2 Control panel for one or two 24V operators for swing gates
- 1 - COMPACTA A20-180 Pair of photocells adjustable 180° horizontally. Range 20m. Power supply 12 – 33Vac / 15 – 35Vdc.
- 1 - RADIUS LED BT A R1 Flashing light with incorporated antenna for motors with power supply 24 V.



PHOBOS BT KIT A40 FRA

Complete kit 24 V for sliding gates up to 500 kg in weight and 4 m in length.



ee link



24 V



er ready



d-track

R935309 00005

The KIT includes

- 2 - Phobos BT A40 locking electromechanical operator 24 V for swing gates weighing up to 500 kg and 4 m long.
- 2 - Mitto B Rcb04 R1 Transmitter with 4 channels. Range 50/100 m. Power supply 12 V with 1 battery type 23 A
- 1 - ZARA BT L2 Control panel for one or two 24V operators for swing gates
- 1 - COMPACTA A20-180 Pair of photocells adjustable 180° horizontally. Range 20m. Power supply 12 – 33Vac / 15 – 35Vdc.
- 1 - RADIUS LED BT A R1 Flashing light with incorporated antenna for motors with power supply 24 V.



KUSTOS BT KIT A40 FRA

Complete kit 24 V for sliding gates up to 500 kg in weight and 4 m in length.



ee link



24 V



er ready



d-track

R935310 00005

The KIT includes

- 2 - KUSTOS BT A40 locking electromechanical operator 24 V for swing gates weighing up to 500 kg and 4 m long.
- 2 - Mitto B Rcb04 R1 Transmitter with 4 channels. Range 50/100 m. Power supply 12 V with 1 battery type 23 A
- 1 - ZARA BTL2 Control panel for one or two 24V operators for swing gates
- 1 - COMPACTA A20-180 Pair of photocells adjustable 180° horizontally. Range 20m. Power supply 12 – 33Vac / 15 – 35Vdc.
- 1 - RADIUS LED BT A R1 Flashing light with incorporated antenna for motors with power supply 24 V.



KUSTOS ULTRA KIT A25 FRA

Complete kit 24 V for swing gates weighing up to 400 kg and 2.5 m long. Operators with covered worm screw (ip44).



R935308 00005

The KIT includes

- 2 - KUSTOS ULTRA BT A25 locking electromechanical operator 24 V for swing gates weighing up to 400 kg and 2.5 m long with covered worm screw.
- 2 - Mitto B Rcb04 R1 Transmitter with 4 channels. Range 50/100 m. Power supply 12 V with 1 battery type 23 A
- 1 - THALIA Control panel for one or two 24V operators for swing gates
- 1 - COMPACTA A20-180 Pair of photocells adjustable 180° horizontally. Range 20m. Power supply 12 – 33Vac / 15 – 35Vdc.
- 1 - RADIUS LED BT A R1 Flashing light with incorporated antenna for motors with power supply 24 V.



KIT VIRGO SMART BT A20

Complete kit 24 V for swing gates up to 200 kg in weight and 2 m in length.



R930150 00001

The KIT includes

- 1 - VIRGO SMART BT A20 locking electromechanical operator 24 V for swing gates weighing up to 200 kg and 2 m long.
- 1 - VIRGO SMART BT A20 SLAVE Electromechanical operator 24 V for swing gates up to 200 kg in weight and 2 m in length.
- 2 - Mitto B Rcb04 R1 Transmitter with 4 channels. Range 50/100 m. Power supply 12 V with 1 battery type 23 A
- 1 - COMPACTA A20-180 Pair of photocells adjustable 180° horizontally. Range 20m. Power supply 12 – 33Vac / 15 – 35Vdc.
- 1 - RADIUS LED BT A R1 Flashing light with incorporated antenna for motors with power supply 24 V.



KUSTOS ULTRA BT KIT A40 FRA

Complete kit 24 V for swing gates weighing up to 500 kg and 4 m long. Operators with covered worm screw (ip44).



R935311 00005

The KIT includes

- 2 - KUSTOS ULTRA BT A40 locking electromechanical operator 24 V for swing gates weighing up to 500 kg and 4 m long with covered worm screw.
- 2 - Mitto B Rcb04 R1 Transmitter with 4 channels. Range 50/100 m. Power supply 12 V with 1 battery type 23 A
- 1 - THALIA Control panel for one or two 24V operators for swing gates
- 1 - COMPACTA A20-180 Pair of photocells adjustable 180° horizontally. Range 20m. Power supply 12 – 33Vac / 15 – 35Vdc.
- 1 - RADIUS LED BT A R1 Flashing light with incorporated antenna for motors with power supply 24 V.



KIT IGEA BT FRA THALIA

Electromechanical operator 24 V for swing gates up to 250 kg in weight and 2.5 m in length.



R935297 00002

The KIT includes

- 2 - IGEA BT locking electromechanical operator 24 V for swing gates weighing up to 250 kg and 2.5 m long.
- 2 - Mitto B Rcb04 R1 Transmitter with 4 channels. Range 50/100 m. Power supply 12 V with 1 battery type 23 A
- 1 - THALIA Control panel for one or two 24V operators for swing gates
- 1 - COMPACTA A20-180 Pair of photocells adjustable 180° horizontally. Range 20m. Power supply 12 – 33Vac / 15 – 35Vdc.
- 1 - RADIUS LED BT A R1 Flashing light with incorporated antenna for motors with power supply 24 V.





KIT IGEA FRA

Complete kit 230 V for sliding gates up to 250 kg in weight and 2.5 m in length.



R935221 00002

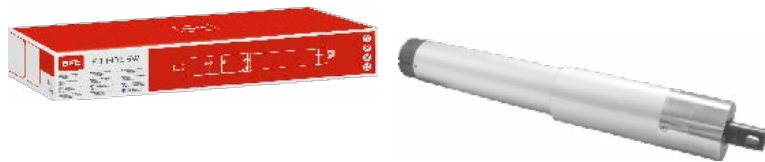
The KIT includes

- 2 - IGEA Electromechanical operator 230 V for swing gates up to 250 kg in weight and 2.5 m in length.
- 2 - Mitto B Rcb04 R1 Transmitter with 4 channels. Range 50/100 m. Power supply 12 V with 1 battery type 23 A
- 1 - RIGEL 6 control panel
- 1 - COMPACTA A20-180 Pair of photocells adjustable 180° horizontally. Range 20m. Power supply 12 - 33Vac / 15 - 35Vdc.
- 1 - RADIUS LED AC A R1 Flashing light with incorporated antenna for motors with power supply 230 V.



KIT HIDE SW

Complete kit 24 V for sliding gates up to 150 kg in weight and 2 m in length.



R930138 00002

The KIT includes

- 2 - HIDE SW Disappearing locking electromechanical operator 24 V for swing gates weighing up to 150 kg and 2 m long.
- 2 - Mitto B Rcb04 R1 Transmitter with 4 channels. Range 50/100 m. Power supply 12 V with 1 battery type 23 A
- 1 - LIBRA CB HIDE Control panel for one or two HIDE SW series operators
- 1 - COMPACTA A20-180 Pair of photocells adjustable 180° horizontally. Range 20m. Power supply 12 - 33Vac / 15 - 35Vdc.
- 1 - RADIUS LED BT A R1 Flashing light with incorporated antenna for motors with power supply 24 V.



RADIUS LED BT A R1

D114093 00003

Flashing light with LED technology and built-in receiver antenna. 24 V power supply.



RADIUS LED BT A R1 W

D114168 00003

Flashing light with LED technology, built-in receiver antenna and smoky grey cover. 24 V power supply.



THEA A15 O.PF

P111528

Pair of positionable photocells with integrated flashing beacon Beam can be positioned 40° horizontally and 10° vertically. Synchronised infrared signal to avoid any possibility of accidental dazzling. Range 30 m. Power supply 24 V ac/dc. For external application.

THEA A15 O.PF UNI

P111714

Pair of positionable photocells with integrated flashing beacon Beam can be positioned 40° horizontally and 10° vertically. Synchronised infrared signal to avoid any possibility of accidental dazzling. Range 30 m. Power supply 24 V ac/dc. For external application.



COMPACTA A20-180

P111782

Pair of photocells adjustable 180° horizontally. Range 20m. Power supply 12 - 33Vac / 15 - 35 Vdc

**MITTO B RCB02 R1****D111904**

Transmitter with 2 channels. Range 50/100 m. Power supply 12 V with 1 battery type 23 A

**MITTO B RCB04 R1****D111906**

Transmitter with 4 channels. Range 50/100 m. Power supply 12 V with 1 battery type 23 A

**MITTO B RCB02 R2 REPLAY****D111905**

Clonable transmitter 2 channels. Range 50/100 m. Power supply 12 V with 1 battery type 23 A

**MITTO B RCB04 R2 REPLAY****D111907**

Clonable transmitter 4 channels. Range 50/100 m. Power supply 12 V with 1 battery type 23 A

**CLONIX 2E AC U-LINK 230****D113807 00002**

433Mhz external receiver with 2 outputs with NO contact. Compatible with U-LINK protocol (with 3 connection slots). Power supply 230V, 2048-position memory

CLONIX UNI AC U-LINK 230V**D113808 00003**

433Mhz external receiver with 3 outputs: 2 with NO contact and one NO/NC configurable. Compatible with U-LINK protocol (with 3 connection slots). Power supply 230V, 2048-position memory

**B EBA WI-FI GATEWAY****P111494**

Expansion card permitting connection of a U-link device to a home Wi-fi network. Connected operators may be remotely managed with the U-control app available for Android and IOS smartphones.

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SWINGING GATES

Hydraulic automation
systems for swinging gates



Be ahead



ORO

Hydraulic automation for swing gates

Description

Extremely compact and sturdy hydraulic operators suitable for residential and small condominium use.

Capable of automating swing gate leaves up to 2.5 metres wide and weighing up to 200 kg.

Available in both locking and non-locking versions. Maximum precision in force control guaranteed by by-pass valves.



Technical features

Description	ORO	ORO E
Code	P935059 00001	P935058 00001
Motor Voltage	230 V	230 V
Gate leaf length	1.8 m	2.5 m
Max Leaf	180 kg	200 kg
Control unit	ALCOR AC A / RIGEL 6	ALCOR AC A / RIGEL 6
Cycle time	20 sec	27 sec
Impact reaction	hydraulic clutch	hydraulic clutch
Frequency of use	semi-intensive	semi-intensive



GIUNO ULTRA BT A

Hydraulic automation for swing gates

Description

Complete range of low voltage hydraulic operators for very intensive use, suitable for any type of residential, industrial or multi-residence application.

Compact and sturdy, capable of automating swing gate leaves up to 5 metres wide and weighing up to 800 kg. Anti-crushing safety guaranteed thanks to the exclusive D-Track system



Technical features

Description	GIUNO ULTRA BT A20	GIUNO ULTRA BT A50
Code	P935105 00001	P935106 00001
Motor Voltage	24 V	24 V
Gate leaf length	2 m	5 m
Leaf weight	300 kg	800 kg
Control unit	THALIA P	THALIA P
Cycle time	14 sec.	20 sec.
Impact reaction	d-track	d-track
Frequency of use	very intensive	very intensive



P7 / P4,5

Hydraulic automation for swing gates

Description

Extremely sturdy and reliable hydraulic operators for industrial and condominium use. They can automate swing gate leaves up to 7m wide and weighing up to 500kg. Smooth, silent gate movements are guaranteed by the extremely high-performance hydraulic system and the closing slowdown. Maximum precision in traction and thrust force control is guaranteed by the by-pass valve system.



Technical features

Description	P4,5	P7
Code	P935061 00001	P935060 00001
Motor Voltage	230 V	230 V
Gate leaf length	4,5 m	7 m
Max Leaf	500 kg	500 kg
Control unit	ALCOR AC A / RIGEL 6	ALCOR AC A / RIGEL 6
Cycle time	28+slowdown sec	42+slowdown sec
Impact reaction	hydraulic clutch	hydraulic clutch
Frequency of use	very intensive	very intensive



SUB BT

Hydraulic automation for swing gates

Description

Low voltage hydraulic operator for very intensive use, suitable for any type of residential, industrial or multi-residence application. Compact and sturdy, they can automate swing gate leaves up to 2.5m wide and weighing up to 800kg. Fitted with mechanical stops and virtual encoder, guaranteeing maximum anti-crushing safety thanks to the electronic slowdown and D-Track system.



Technical features

Description	SUB BT
Code	P930123 00001
Motor Voltage	24 V
Gate leaf length	2,5 m
Max Leaf	800 kg
Control unit	THALIA P
Cycle time	13 sec
Impact reaction	d-track
Frequency of use	very intensive



SUB

Hydraulic automation for swing gates

Description

Complete range of low voltage underground hydraulic operators for very intensive use, suitable for any type of residential, industrial or multi-residence application.

Compact and sturdy, capable of automating swing gate leaves up to 3.5 metres wide and weighing up to 800 kg.

Available in locking and non-locking versions, with or without slowdown during opening and closing and with opening angles up to 180°.



Technical features

Description	SUB R DX SUB R SX SUB R WINTER DX SUB R WINTER SX	SUB E DX SUB E SX	SUB ER DX SUB ER SX SUB E R WINTER SX
Code	P930012 00005 P930012 00006 P930012 00009 P930012 00010	P930009 00004 P930009 00005	P930013 00007 P930013 00008 P930013 00012
Motor Voltage	230 V	230 V	230 V
Gate leaf length	1.8 m	3.5 m	2.5 m
Max Leaf	800 kg	800 kg	800 kg
Control unit	RIGEL6	RIGEL6	RIGEL6
Cycle time	14+slowdown sec	24 sec	14+slowdown sec
Impact reaction	hydraulic clutch	hydraulic clutch	hydraulic clutch
Frequency of use	very intensive	very intensive	very intensive

RIGEL 6

Universal control panel for one or two 230V operators 750+750W

- Application: universal control panel for one or two operators
- Board power supply: 230V single-phase
- Operators power supply: 230V single-phase 750+750W
- Main features: removable terminal blocks, programming and diagnostics with display, incorporated four channels receiver, electric snap latch or magnetic lock connection, electronic torque limiter, electronic slowdown during opening and closing, separate limit switch inputs for each motor, possibility of traffic-light management and hydraulic operator pre-heating integrated
- Main functions: programmable timer for opening and closing actions, automatic re-closing, separate motor working times, stays locked when closed, water hammer, 2/3/4 step logic, partial opening, fast closing, separate opening and closing, programmable activation time of the timed output, obstacle detection sensitivity adjustment, 4 programmable radio channel command.
- Compatibility: RIGEL 4 and Rigel 5.

ALCOR AC A

Control panel for one or two 230V/750W operators for swing gates

- Application: control panel for one or two swing gate operators
- Board power supply: 230V single-phase
- Operators power supply: 230V single-phase 300W max each operator
- Main features: removable terminal blocks, settings controlled by potentiometers, and fault signalling LEDs.
- Main functions: fast closing, pre-set for residential/apartment building, hammer during opening, stop maintenance.

Technical features

Description	SUB EL DX SUB EL SX	SUB DX SUB SX SUB EG DX SUB EG SX	SUB G DX SUB G SX
Code	P930014 00005 P930014 00006	P930026 00001 P930026 00002 P930011 00005 P930011 00006	P930010 00005 P930010 00006
Motor Voltage	230 V	230 V	230 V
Gate leaf length	3.5 m	1.8 m	1.8 m
Max Leaf	800 kg	800 kg	800 kg
Control unit	RIGEL6	RIGEL6	RIGEL6
Cycle time	33 sec	24 sec	33 sec
Impact reaction	hydraulic clutch	hydraulic clutch	hydraulic clutch
Frequency of use	very intensive	very intensive	very intensive



KIT ORO

Kit for swing gates up to 1.8 m and 180 kg in weight with locking hydraulic operators for semi-intensive use. Cycle time 20 sec.



R935222 00002

The KIT includes

- 2 - ORO Irreversible hydraulic operator for hinged leaves up to 1.8 m and 180 kg in weight, duty semi-intensive. Manoeuvre time 20 sec.
- 1 - Mitto B Rcb04 R1 Transmitter with 4 channels. Range 50/100 m. Power supply 12 V with 1 battery type 23 A
- 1 - ALCOR AC A control panel
- 1 - COMPACTA A20-180 Pair of photocells adjustable 180° horizontally. Range 20m. Power supply 12- 33Vac / 15 - 35Vdc
- 1 - Q.BO KEY WM Key selector for outdoor use with double contact.
- 1 - RADIUS LED AC A R1 Flashing light with incorporated antenna for motors with power supply 230 V.



KIT ORO FRA

Kit for swing gates up to 1.8 m and 180 kg in weight with locking hydraulic operators for semi-intensive use. Cycle time 20 sec.



R935210 00011

The KIT includes

- 2 - ORO Irreversible hydraulic operator for hinged leaves up to 1.8 m and 180 kg in weight, duty semi-intensive. Manoeuvre time 20 sec.
- 2 - Mitto B Rcb04 R1 Transmitter with 4 channels. Range 50/100 m. Power supply 12 V with 1 battery type 23 A
- 1 - ALCOR AC A control panel
- 1 - COMPACTA A20-180 Pair of photocells adjustable 180° horizontally. Range 20m. Power supply 12- 33Vac / 15 - 35Vdc
- 1 - RADIUS LED AC A R1 Flashing light with incorporated antenna for motors with power supply 230 V.



KIT GIUNO ULTRA BT A20

Kit for swing gates up to 2 m and 300 kg in weight with low voltage hydraulic operators for very intensive use. Cycle time 14 sec.



R935337 00001

The KIT includes

- 2 - GIUNO ULTRA BT A20 24 V hydraulic operator for swing gates up to 2 m. 300 kg in weight and very intensive use. Cycle time 14 sec.
- 1 - THALIA P G Control panel for one or two 24V operators for swing gates
- 1 - COMPACTA A20-180 Pair of photocells adjustable 180° horizontally. Range 20m. Power supply 12- 33Vac / 15 - 35Vdc
- 1 - RADIUS LED BT A R1 Flashing light with incorporated antenna for motors with power supply 24 V.
- 2 - Mitto B Rcb04 R1 Transmitter with 4 channels. Range 50/100 m. Power supply 12 V with 1 battery type 23 A



KIT LUX MB

Kit for swing gates up to 2.3 m, 300 kg in weight. Hydraulic operators with useful travel 270 mm, max angle 123°, locking hydraulic closing and release triangle key. Cycle time 23 sec. Power input 250 W.



R935217 00002

The KIT includes

- 2 - LUX MB Hydraulic operator triangle key for hinged leaves up to 2.3 m and 300 kg in weight. Useful travel 270 mm, manoeuvre time 23 sec and maximum opening angle 123°. Locking system: hydraulic closing
- 1 - Mitto B Rcb04 R1 Transmitter with 4 channels. Range 50/100 m. Power supply 12 V with 1 battery type 23 A
- 1 - ALCOR AC A control panel
- 1 - COMPACTA A20-180 Pair of photocells adjustable 180° horizontally. Range 20m. Power supply 12- 33Vac / 15 - 35Vdc
- 1 - Q.BO KEY WM Key selector for outdoor use with double contact.
- 1 - RADIUS LED AC A R1 Flashing light with incorporated antenna for motors with power supply 230 V.

**RADIUS LED BT A R1**

D114093 00003

Flashing light with LED technology and built-in receiver antenna. 24 V power supply.

**RADIUS LED BT A R1 W**

D114168 00003

Flashing light with LED technology, built-in receiver antenna and smoky grey cover. 24 V power supply.

**THEA A15 O.PF**

P111528

Pair of positionable photocells with integrated flashing beacon Beam can be positioned 40° horizontally and 10° vertically. Synchronised infrared signal to avoid any possibility of accidental dazzling. Range 30 m. Power supply 24 V ac/dc. For external application.

THEA A15 O.PF UNI

P111714

Pair of positionable photocells with integrated flashing beacon Beam can be positioned 40° horizontally and 10° vertically. Synchronised infrared signal to avoid any possibility of accidental dazzling. Range 30 m. Power supply 24 V ac/dc. For external application.

**COMPACTA A20-180**

P111782

Pair of photocells adjustable 180° horizontally. Range 20m. Power suplly 12 - 33Vac / 15 - 35 Vdc

**MITTO B RCBO2 R1**

D111904

Transmitter with 2 channels. Range 50/100 m. Power supply 12 V with 1 battery type 23 A

**MITTO B RCBO4 R1**

D111906

Transmitter with 4 channels. Range 50/100 m. Power supply 12 V with 1 battery type 23 A

**MITTO B RCBO2 R2 REPLAY**

D111905

Cloneable transmitter 2 channels. Range 50/100 m. Power supply 12 V with 1 battery type 23 A

**MITTO B RCBO4 R2 REPLAY**

D111907

Cloneable transmitter 4 channels. Range 50/100 m. Power supply 12 V with 1 battery type 23 A

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