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**U-LINK**

# SLIDING GATES

Automation systems



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## 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](http://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](http://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](http://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](http://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](http://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](http://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.



ee link



er ready



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**

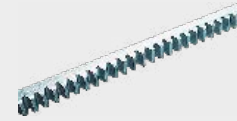
D221073

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 KEY WM AV**

P121023

Vandalproof key selector with double contact, for outdoor use. Metal structure.

**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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