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**U-LINK**

# 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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