



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

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











LUX BT

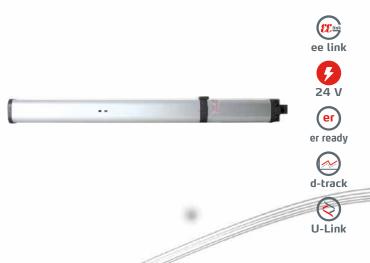
Hydraulic automation for swing gates

Description

Complete range of low voltage hydraulic pistons 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.

Available in locking and non-locking versions, they ensure maximum anti-crushing safety thanks to the absolute encoder and exclusive D-Track system.



Technical features

Description	ORO	ORO E
Code	P935059 00001	P935058 0000
Voltage	230 V	230 V
Gate leaf length	1.8 m	2.5 m
Max Leaf	180 kg	200 kg
Control unit	ALCOR N	ALCOR N
Cycle time	20 sec	27 sec
Impact reaction	hydraulic clutch	hydraulic clutch
Frequency of use	semi-intensive	semi-intensive

Description	LUX BT 2B	LUX G BT 2B
Code	P935079 00001	P935083 0000
Voltage	24 V	24 V
Gate leaf length	2 m	5 m
Max Leaf	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



LUX

Hydraulic automation for swing gates

Industrial, Residential, Tertiary

Description

Complete range of hydraulic pistons 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.

Available in both locking and non-locking versions, with maximum precision in torque control guaranteed by by-pass valves.









Technical features

Description	LUX	LUX B	LUX BA	LUX 2B	LUX 2B WINTER	LUX R2B	LUX FC 2B
Code	P935009	P935010	P935027	P935011	P935011	P935046	P935039
	00001	00001	00001	00001	00028	00001	00001
Voltage	230 V	230 V	230 V				
Gate leaf length	2 m	2 m	2 m	2 m	2 m	2 m	2 m
Control unit	ALCOR N,	ALCOR N,	ALCOR N,				
	RIGEL5	RIGEL5	RIGEL5	RIGEL5	RIGEL5	RIGEL5	RIGEL5
Cycle time	17 sec	17 sec	17 sec				
Impact reaction	hydraulic	hydraulic	hydraulic	hydraulic	hydraulic	hydraulic	hydraulic
	clutch	clutch	clutch	clutch	clutch	clutch	clutch
Frequency of use	very	very	very	very	very	very	very
	intensive	intensive	intensive	intensive	intensive	intensive	intensive

Universal control panel for one or two 230V operators - 600+600W

- · Application: universal control panel for one or two operators
- · Board power supply: 230V single-phase
- · Operators power supply: 230V single-phase 600+600W
- · Main features: removable terminal blocks, programming and diagnostics with display, incorporated dual channel receiver, plug-in connector for additional 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 with SSR5
- · Main functions: 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
- · Compatibility: RIGEL 4

ALCOR N

Control panel for one or two 230V/300W operators for swing gates

- · Compatibility: ALCOR SD
- · 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, fault signalling LEDs and incorporated dual channel receiver
- · Main functions: stays locked when closed, 3/4 step logic, partial opening, separate opening/closing

Description	LUX R	LUX R 2B SN2	LUX MB	LUX L	LUX LR	LUX G	LUX GV
Code	P935044 00001	P935046 00002	P935035 00001	P935012 00001	P935049 00001	P935013 00001	P935014 00001
Voltage	230 V						
Gate leaf length	2.2 m	2 m	2.3 m	4 m	4 m	5 m	3.5 m
Control unit	ALCOR N, RIGEL5						
Cycle time	17 sec	16+slowdown sec	23 sec	33 sec	17 sec	48 sec	17 sec
Impact reaction	hydraulic clutch						
Frequency of use	very intensive						

Industrial, **Tertiary** Industrial, Residential, Tertiary



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.





er ready

Technical features

Description	P4,5	P7
Code	P935061 00001	P935060 00001
Voltage	230 V	230 V
Gate leaf length	4.5 m	7 m
Max Leaf	500 kg	500 kg
Control unit	ALCOR N, RIGEL5	ALCOR N, RIGEL5
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



Description	SUB BT
Code	P930123 00001
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

Industrial, Residential, Tertiary



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°.







er ready

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
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	ALCOR N, RIGEL5	ALCOR N, RIGEL5	ALCOR N, RIGEL5
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 5

Universal control panel for one or two 230V operators - 600+600W

- · Application: universal control panel for one or two operators
- · Board power supply: 230V single-phase
- · Operators power supply: 230V single-phase 600+600W
- · Main features: removable terminal blocks, programming and diagnostics with display, incorporated dual channel receiver, plug-in connector for additional 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 with SSR5 board
- · Main functions: 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
- · Compatibility: RIGEL 4

ALCOR N

Control panel for one or two 230V/300W operators for swing gates

- · Compatibility: ALCOR SD
- · 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, fault signalling LEDs and incorporated dual channel receiver
- · Main functions: stays locked when closed, 3/4 step logic, partial opening, separate opening/closing

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
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	ALCOR N, RIGEL5	ALCOR N, RIGEL5	ALCOR N, RIGEL5
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 N ALCOR N control panel
- 1- DESME A15 Pair of self-aligning photocells. Range 30 m. Power supply 24 V ac/dc.
- 1- Q.BO KEY WM Key selector for outdoor use with double contact.
- 1- RADIUS B LTA 230 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 N ALCOR N control panel
- 1- DESME A15 Pair of self-aligning photocells. Range 30 m. Power supply 24 V ac/dc.
- 1- RADIUS B LTA 230 R1 Flashing light with incorporated antenna for motors with power supply 230 V.



KIT LUX BT 2B

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.











(

U-Link

R935263 00001

The KIT includes

- 2 LUX BT 2B 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 Control panel for one or two 24V operators for swing gates
- 1- DESME A15 Pair of self-aligning photocells. Range 30 m. Power supply 24 V ac/dc.
- 1- RADIUS B LTA 24 R1 Flashing light without incorporated antenna for motors with power supply 24 V.
- 2 MITTÓ 4 12V MITTO 4 12V



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 N ALCOR N control panel
- 1- DESME A15 Pair of self-aligning photocells. Range 30 m. Power supply 24 V ac/dc.
- 1- Q.BO KEY WM Key selector for outdoor use with double contact.
- 1- RADIUS B LTA 230 R1 Flashing light with incorporated antenna for motors with power supply 230 V.



RADIUS B LTA 230 R1

D113748 00002

Flashing light with incorporated antenna for motors with power supply 230 V.



D113748 00003

Flashing light without incorporated antenna for motors with power supply 24 V.



MITTO B RCB02 R1

D111904

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



IPNOS B LTB 24 R1

D113783

Flashing beacon with LED technology. New design language with smoke-grey cover. Built-in antenna. Power supply 24 V.



MITTO B RCB04 R1

D111906

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



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.



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.



MITTO B RCB02 R2 REPLAY

D111905

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



DESME A15 O

P111527

Pair of self-aligning photocells. Range 30 m. Power supply 24 V ac/dc.



P111526

Pair of self-aligning photocells. Range 30 m. Power supply 24 V ac/dc.



MITTO B RCB04 R2 REPLAY

D111907

Cloneable transmitter 4 channels. Range 50/100 m. Power supply 12 V with 1 battery type $73~\Lambda$

14 ACCESSORIES NOTE

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

 $433 \rm Mhz$ 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 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

The contents of this catalogue (images, technical descriptions, illustrations) are the exclusive property of Bft s.p.a. Reproduction in any form and on any medium is forbidden. Copyright 2015. All rights reserved. The information given in this publication is only a guide. Bft reserves the right to make any changes without prior notice.











