



Be ahead



LUX

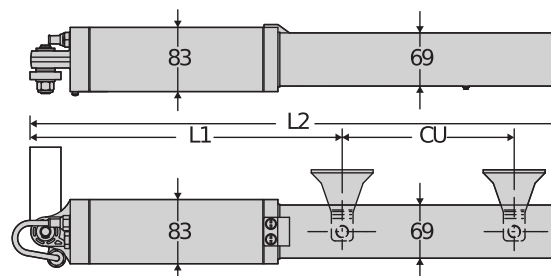




LUX



Hydraulic automation systems for swing gates



	L1	CU	L2
LUX / LUX B / LUX 2B	715	270	1025
LUX FC 2B	850	280	1320
LUX R 2B SN2	710	250	1050
LUX MB / LUX L	715	270	1025
LUX G	850	390	1300

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 both reversible and irreversible versions, with maximum precision in torque control guaranteed by by-pass valves.

Relevant features



All-aluminium structure with high-resistance anodising treatment.



The by-pass valves, in the 230V versions, allow the exact setting of the torque separately and independently for opening and closing.



The slowdown during closing (R versions) guarantees silent, smooth movements on even the biggest gates. Also, the adjustment screw makes it possible to adapt the slowdown intensity to needs of each situation.



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Code	Ci	Name	Description
P935009 00001	2611693	LUX	Hydraulic operator 230 V for hinged leaves up to 2 m and 300 kg in weight. Useful travel 270 mm, manoeuvre time 17 s and maximum opening angle 123 °. Locking system: Solenoid Lock Reversible
P935044 00001	2612761	LUX R	Hydraulic operator 230 V for hinged leaves up to 2.2 m and 300 kg in weight. Useful travel 270 mm, manoeuvre time 17 s and maximum opening angle 123 °. Locking system: Solenoid Lock Reversible
P935010 00001	2600937	LUX B	Hydraulic operator 230 V for hinged leaves up to 2 m and 300 kg in weight. Useful travel 270 mm, manoeuvre time 17 s and maximum opening angle 123 °. Locking system: Hydraulic closing
P935011 00001	2600017	LUX 2B	Hydraulic operator 230 V for hinged leaves up to 2 m and 300 kg in weight. Useful travel 270 mm, manoeuvre time 17 s and maximum opening angle 123 °. Locking system: Open/close hydraulics
P935046 00002	2611723	LUX R 2B SN2	Hydraulic operator 230 V for hinged leaves up to 2 m and 300 kg in weight. Useful travel 250 mm, manoeuvre time 16+roll, s and maximum opening angle 101 °. Locking system: Open/close hydraulics
P935039 00001	2600861	LUX FC 2B	Hydraulic operator 230 V for hinged leaves up to 2 m and 300 kg in weight. Useful travel 280 mm, manoeuvre time 17 s and maximum opening angle 117 °. Locking system: Open/close hydraulics
P935014 00001	2611702	LUX GV	Hydraulic operator 230 V for hinged leaves up to 3.5 m and 300 kg in weight. Useful travel 270 mm, manoeuvre time 17 s and maximum opening angle 123 °. Locking system: Solenoid Lock Reversible
P935012 00001	2600555	LUX L	Hydraulic operator 230 V for hinged leaves up to 4 m and 500 kg in weight. Useful travel 270 mm, manoeuvre time 33 s and maximum opening angle 123 °. Locking system: Solenoid Lock Reversible
P935049 00001	2611729	LUX LR	Hydraulic operator 230 V for hinged leaves up to 4 m and 500 kg in weight. Useful travel 270 mm, manoeuvre time 33 s and maximum opening angle 123 °. Locking system: Solenoid Lock Reversible
P935013 00001	2611699	LUX G	Hydraulic operator 230 V for hinged leaves up to 5 m and 800 kg in weight. Useful travel 390 mm, manoeuvre time 48 s and maximum opening angle 130 °. Locking system: Solenoid Lock Reversible
R935011 70001	R935011 70001	LUX 2B KIT SINGLE	Kit for swing gates up to 2 m, 300 kg in weight. Hydraulic operators with useful travel 270 mm, max angle 123 °, locking Open/close hydraulics and release Triangle key. Cycle time 17 s. Power input 250 W. Locking on closure/opening
R935011 70002	R935011 70002	LUX 2B SINGLE KIT - SAFETY	Kit for swing gates up to 2 m, 300 kg in weight. Hydraulic operators with useful travel 270 mm, max angle 123 °, locking Open/close hydraulics and release Triangle key. Cycle time 17 s. Power input 250 W. Locking on closure/opening
R935012 70002	R935012 70002	LUX 2B DOUBLE KIT - SAFETY	Kit for swing gates up to 2 m, 300 kg in weight. Hydraulic operators with useful travel 270 mm, max angle 123 °, locking Open/close hydraulics and release Triangle key. Cycle time 17 s. Power input 250 W. Locking on closure/opening
R935012 70001	R935012 70001	LUX 2B KIT DOUBLE	Kit for swing gates up to 2 m, 300 kg in weight. Hydraulic operators with useful travel 270 mm, max angle 123 °, locking Open/close hydraulics and release Triangle key. Cycle time 17 s. Power input 250 W. Locking on closure/opening



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RIGEL 6 220-230V 50/60HZ: Universal control panel with display for one or two 230V - 650+650W operators



Cp D113833 00002 - G 2600589 - RIGEL 6 220-230V 50/60HZ - Recommended



- Universal control panel with display for one or two 230V - 650+650W operators
- Application: universal control panel for one or two operators
- Card power supply: 230 V single-phase
- Operators power supply: 230V single-phase
- Main features: removable terminal blocks, programming and diagnostics with display, built-in four-channel receiver, electro lock, electronic torque limiter, electronic deceleration at opening and closing, a separate limit switch inputs for each motor, traffic light management, preheating hydraulic operators, weekly timer, possibility to delete a specific remote control, customization of the 4 radio channels, personalization of the duration of the delayed output, adjustable sensitivity to the obstacle.
- 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 5 - RIGEL 4 - RIGEL 3 - RIGEL N

	LUX	LUX R	LUX B	LUX 2B
Control unit	RIGEL 6	RIGEL 6	RIGEL 6	RIGEL 6
Motor voltage	230 V	230 V	230 V	230 V
Power consumption	250 W	250 W	250 W	250 W
Max. width of door/gate wing	2 m	2,2 m	2 m	2 m
Max. weight of door/gate wing	300 kg	300 kg	300 kg	300 kg
Useful rod stroke	270 mm	270 mm	270 mm	270 mm
Maximum angle	123 °	123 °	123 °	123 °
Cycle time	17 s	17 s	17 s	17 s
Type of limit switch	work time	work time	work time	work time
Slowdown	no	no	no	no
Locking	Solenoid Lock	Solenoid Lock	Hydraulic closing	Open/close hydraulics
Release	Reversible	Reversible	Triangle key	Triangle key
Impact reaction	Hydraulic clutch	Hydraulic clutch	Hydraulic clutch	Hydraulic clutch
Frequency of use	very intensive	very intensive	very intensive	very intensive
Protection rating	IP57	IP57	IP57	IP57
Environmental conditions	-10 ÷ 60 °C	-10 ÷ 60 °C	-10 ÷ 60 °C	-10 ÷ 60 °C

	LUX R 2B SN2	LUX FC 2B	LUX GV	LUX L
Control unit	RIGEL 6	RIGEL 6	RIGEL 6	RIGEL 6
Motor voltage	230 V	230 V	230 V	230 V
Power consumption	250 W	280 W	250 W	250 W
Max. width of door/gate wing	2 m	2 m	3,5 m	4 m
Max. weight of door/gate wing	300 kg	300 kg	300 kg	500 kg
Useful rod stroke	250 mm	280 mm	270 mm	270 mm
Maximum angle	101 °	117 °	123 °	123 °
Cycle time	16+rall, s	17 s	17 s	33 s
Type of limit switch	work time	work time	work time	work time
Slowdown	Yes	no	no	no
Locking	Open/close hydraulics	Open/close hydraulics	Solenoid Lock	Solenoid Lock
Release	Triangle key	Triangle key	Reversible	Reversible
Impact reaction	Hydraulic clutch	Hydraulic clutch	Hydraulic clutch	Hydraulic clutch
Frequency of use	very intensive	very intensive	very intensive	very intensive
Protection rating	IP57	IP57	IP57	IP57















LUX



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	LUX R 2B SN2	LUX FC 2B	LUX GV	LUX L
Environmental conditions	-10 ÷ 60 °C	-10 ÷ 60 °C	-10 ÷ 60 °C	-10 ÷ 60 °C
	LUX LR		LUX G	
Control unit	RIGEL 6		RIGEL 6	
Motor voltage	230 V		230 V	
Power consumption	250 W		250 W	
Max. width of door/gate wing	4 m		5 m	
Max. weight of door/gate wing	500 kg		800 kg	
Useful rod stroke	270 mm		390 mm	
Maximum angle	123 °		130 °	
Cycle time	33 s		48 s	
Type of limit switch	work time		work time	
Slowdown	no		no	
Locking	Solenoid Lock		Solenoid Lock	
Release	Reversible		Reversible	
Impact reaction	Hydraulic clutch		Hydraulic clutch	
Frequency of use	very intensive		very intensive	
Protection rating	IP57		IP57	
Environmental conditions	-10 ÷ 60 °C		-10 ÷ 60 °C	

RECOMMENDED ACCESSORIES

	Cp N733424 00001 - Ci 2610950 ARB ORO - LUX Adjustable front mounting bracket for ORO and LUX		Cp N735002 - Ci 2601324 SFR B Adjustable wall bracket, short, for linear swing-gate motors (excluding P4.5-P7)
	Cp N735003 - Ci 2601367 SFR-L B Adjustable wall bracket, long, for linear swing-gate motors (excluding P4.5-P7)		Cp N735002 00001 - Ci 2601273 SFR B - COMPLETE Adjustable wall bracket, short, for linear swing-gate motors (excluding P4.5-P7), with flat bracket
	Cp N735003 00001 - Ci 2601392 SFR-L B - COMPLETE Adjustable wall bracket, long, for linear swing-gate motors (excluding P4.5-P7), with flat bracket		Cp D730178 - Ci 2600090 PLE Anchor plate for attaching the rear mountings to masonry pillars for LUX, ORO, and PHOBOS operators.
	Cp N999131 - Ci 2611075 NAT Adapter for 230V hydraulic operators for inserting the spiral cable protection sheath		Cp D111013 - Ci 2607261 ME Control board for 12Vac solenoid lock for 230V automation systems
	Cp D610180 - Ci 2600598 CLS Triangular release key l=52 mm		Cp P111782 - Ci 2601411 COMPACTA A20-180 Pair of photocells adjustable 180° horizontally. 20 metre range. 12-33 VAC/15-35 VDC power supply.
	Cp D114094 00002 - Ci 2607540 RADIUS LED AC A R0 Flashing light without incorporated antenna for motors with 230 V power supply.		Cp D114093 00002 - Ci 2607538 RADIUS LED AC A R1 Flashing light with incorporated antenna for motors with 230 V power supply.



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EasyAXS

EASY CONNECT. EASY ACCESS.



The new connectivity solution which boosts the potential of BFT products and services to make access automations smarter and easier to use for both installers and end users.

1

EASY TO CONNECT



PLUG&PLAY
CONNECTIVITY MODULE
FOR QUICKLY CONNECTING
BFT SOLUTIONS



2

EASY TO SET UP



CONFIGURATION
AND
MANAGEMENT OF
THE MOTOR WITH
THE **EasyAXS app**

3

EASY TO CONTROL



TaHoma app
TO PROVIDE CUSTOMERS
WITH A SMART SOLUTION
FOR ACCESSING THEIR
HOMES





LUX

URBAN
ACCESS AUTOMATION

BUILDING
ACCESS AUTOMATION

H O M E
ACCESS AUTOMATION

Hydraulic automation systems for swing gates

EASY TO CONNECT

WIFI MODULE



→ 10/15 metres

WIFI MODULE + ANTENNA



→ 20/25 metres

MOBILE MODULE + ANTENNA + SIM



→ ∞



**PLUG&PLAY
INSTALLATION**



**ALWAYS
CONNECTED**



**EVEN MORE
CONNECTIVITY**



**EASY TO SET UP
FOR INSTALLERS**



**EASY TO CONTROL
FOR CUSTOMERS**





LUX



Hydraulic automation systems for swing gates



U-LINK 2.0

AN UPDATED VERSION OF
U-LINK TO GIVE YOU EVEN
MORE FUNCTIONALITY



Scalable

You can add as many devices as you want



Intuitive

Easy to install and to use



Functional

Settings can be controlled and firmware updated remotely using dedicated applications



Practical

Works with or without an internet connection



Flexible

It allows you to create groups of interconnected products

U-Link, the exclusive **BFT** technology platform has evolved to offer improved interaction with the latest generation of technological ecosystems. Its ability to interface with all home access automation access devices has been expanded, meaning it is now a very useful tool for installers. It is also a faster communication protocol with increased security for communicating information.

It allows you to save even more time, checking everything very easily and giving you even more peace of mind.



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A NEW AND EVEN MORE SECURE RADIO PROTOCOL



Secure

By transmitting data protected by a cryptographic key

U-Security is the new technology from **BFT** which incorporates encrypted rolling code thanks to the encryption key which masks the remote control code, meaning that it is impossible to clone a BFT remote control using another brand's model.



Easy

Pairing a remote control with a receiver can be done easily by scanning the QR code and using the dedicated app

The functions of the **Er Ready** system are incorporated and a new procedure is also available for programming remote controls by scanning a QR CODE and using a special app. All products featuring this technology are **REPLAY**, so they can transmit the code to another BFT remote control using a combination of keys.



Universal

The radio protocol is also compatible with the previous generation of receivers

