

# LUX BT SERIES

HYDRAULIC AUTOMATION FOR SWING GATES



Opens the future



#### • A MODEL FOR EVERY NEED.

→ Available in two versions, irreversible (with hydraulic locking for holding on closed only or on open and closed) and reversible (with use of an electric lock).

#### • SMART TECHNOLOGY.

→ Management of limit switch stops using absolute encoder  
 → Slowing on opening and closing managed by the control unit  
 → Control unit with self-learning and self-diagnosis functions.  
 → Control unit compatible with the protocol Eelink.

#### • SAFE TO USE.

→ Specially designed for easier and faster installation, conforms to the safety requisites dictated by the Machinery Directive.  
 → Thanks to the anti-crushing system, in the event of contact the system inverts the direction of movement, thus preventing injury and damage to persons or things(BT).

#### • EASIER INSTALLATION.

→ Control unit programmable using the LCD display.

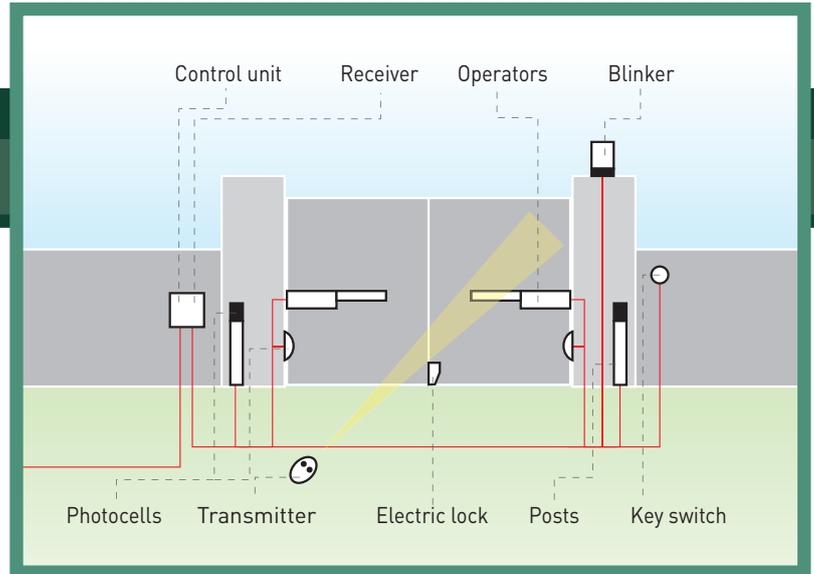
CODE	DESCRIPTION	VOLTAGE	LEAF WEIGHT	LEAF LENGTH
P935080 00001	LUX BT	24 Vdc	up to 3000 N (~300 kg)	up to 2 m
P935079 00001	LUX BT 2B	24 Vdc	up to 3000 N (~300 kg)	up to 2 m

## TECHNICAL FEATURES

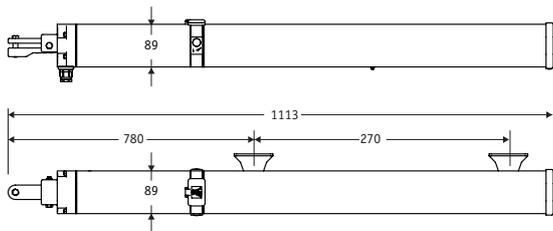
	LUX BT	LUX BT 2B
CONTROL PANEL	LIBRA C LX	LIBRA C LX
REVERSIBLE/IRREVERSIBLE OPERATOR	reversible	irreversible
POWER SUPPLY	24 Vdc	24 Vdc
ABSORBED POWER	300 W	300 W
THERMAL PROTECTION	integrated in the control unit	integrated in the control unit
ROD WORKING STROKE	270 mm	270 mm
ROD SPEED	14 mm/s	14 mm/s
OPENING AND CLOSING TIME	17 s	17 s
SLOWDOWN	opening/closing	opening/closing
IMPACT REACTION	torque limiter integrated in the control panel	torque limiter integrated in the control panel
TYPE OF LOCK	electric lock	hydraulic opening/closing
MANUAL RELEASE	reversible	release key
OPERATING CYCLE	very intensive use	very intensive use
ENVIRONMENTAL CONDITIONS	from -10°C to + 60°	from -10°C to + 60°
DEGREE OF PROTECTION	IP55	IP55
OPERATOR WEIGHT	87 N (~8,7 kg)	87 N (~8,7 kg)
3DIMENSIONS	see drawing	see drawing



## RESIDENTIAL AND APARTMENT-BLOCK USE



### DIMENSIONS



### ACCESSORIES



#### D113715 00002 - LIBRA C LX

- Universal control panel for one or two series LUX BT motors
- Slowing on opening and closing managed by an absolute

encoder which, combined with the amperometric detection ensures maximum anti-crushing safety.

- Complete with incorporated two-channel receiver, predisposed for serial management, back-up battery and electric lock.
- Full control of programming by means of the digital display and three simple buttons.
- Extremely simple to install and service thanks to the SELF-DIAGNOSIS (automatic detection of failures), and AUTOSET (automatic setting of the operating parameters) functions and the extractable terminals.
- Compatible with EeLink protocol, can therefore be programmed using Proxima.



#### P125005 - BT BAT

Thanks to the 'back-up' batteries and battery charger, the BT BAT kit guarantees low voltage operation of the leaf in the event of power failure (LIBRA C MA, HYDRA R).



#### D111761 - ME BT

12/24 Vac electric lock board for BT operators.



#### P111376 - SCS 1

Serial connection board for QSC D MA, LIBRA C MA, LIBRA C MV, LIBRA C LX, VENERE D, LEO D MA, LEO MV, RIGEL 5 and ALTAIR P.



#### P111408 - SCS WIE

Circuit board for direct connection of wiegand accessories (such as SELETTO, COMPAS SLIM, etc) to the control units QSC D MA, LIBRA C MA, LIBRA C MV, LIBRA C LX, VENERE D, LEO D MA, LEO MV, RIGEL 5 and ALTAIR P.



#### D121017 - ECB SX

Left-hand horizontal electric lock. Also available in right-hand and vertical versions. See page 132.



#### I101615 - IDROLUX WINTER

Hydraulic oil for low temperatures, 2 lt can. Always fill up with oil of the same colour.



#### N999417 - CABLE LX BT

Power supply cable for LUX BT. Rolls of 100 m.



#### D734017 - PL LX BT

Anchor plate used to weld brackets to masonry pillars for LUX BT.