

IGEA SERIES

ELECTROMECHANICAL AUTOMATION FOR SWING GATES



Opens the future



• A MODEL FOR EVERY NEED.

→ Great versatility thanks to the levers that also permit installation on pillars of big dimensions and opening up to 125°.

• SMART TECHNOLOGY.

→ Control unit compatible with the EELink protocol.

• SAFE USE.

→ The version powered at 24V is specially designed for simpler and faster installation in compliance with the safety standards laid down by the Machinery Directive.

→ Thanks to the antisquashing system, the operator inverts motion and prevents damage to people and property in the event of contact (BT).

• SIMPLER INSTALLATION.

→ BFT's system of coded limit switches makes it possible to reduce the complexity of wiring the low-voltage motors: a single wire is carried to the control panel instead of the three normally required, thereby increasing the simplicity and speed of installation. Furthermore, the system is able to automatically distinguish between the open limit switch and the closed one and hence prevent wasted time and wiring errors (IGEA BT).

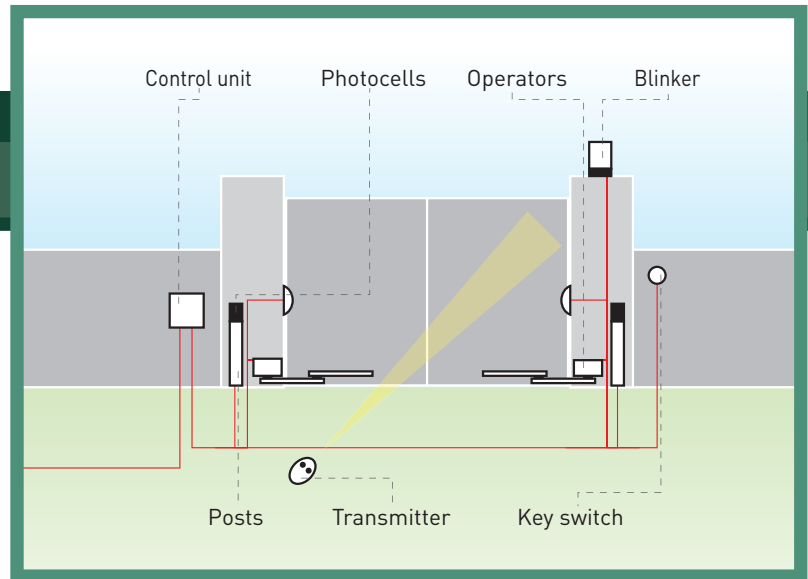
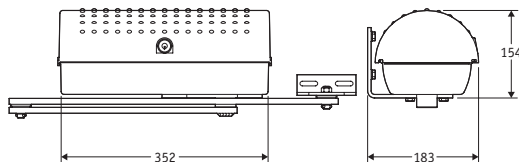
CODE	DESCRIPTION	KIT	VOLTAGE	LEAF WEIGHT	LEAF LENGTH
P935070 00002	IGEA BT		24 V	up to 2500 N (~250 kg)	up to 2,5 m
R935229 00001	IGEA BT KIT	●	24 V	up to 2500 N (~250 kg)	up to 2,5 m
P935065 00002	IGEA		230 V	up to 2500 N (~250 kg)	up to 2,5 m

TECHNICAL FEATURES

	IGEA BT	IGEA
CONTROL PANEL	LIBRA C MA	ALTAIR P (suggested)
REVERSIBLE/IRREVERSIBLE OPERATOR	irreversible	irreversible
POWER SUPPLY	24 Vdc	230 V- ± 10%, 50 Hz single-phase
ABSORBED POWER	40 W	300 W
THERMAL PROTECTION	integrated in the control unit	integrated
OPENING OR CLOSING TIME	15 s	15 s
IMPACT REACTION	torque limiter integrated in the control panel	torque limiter integrated in the control panel
TYPE OF LOCK	mechanical opening/closing	mechanical opening/closing
MANUAL RELEASE	release knob with personalised key	release knob with personalised key
OPERATING CYCLE	intensive use	semi intensive use
ENVIRONMENTAL CONDITIONS	from -15°C to + 60°C	from -15°C to + 60°C
DEGREE OF PROTECTION	IP44	IP44
OPERATOR WEIGHT	160 N (~16 kg)	160 N (~16 kg)
DIMENSIONS	see drawing	see drawing



DIMENSIONS



ACCESSORIES

**D113672 00005 - LIBRA C MA**

- Universal control panel for one or two 24V motors with limit switch with 1 or 2 wires.
- Easy to wire also for centralised connections,

thanks to extractable terminals, and the AUTODIAGNOSIS function.

- Safety thanks to electronic antisquashing control with amperometric detection.
- Complete with incorporated two-channel receiver, ready for serial management, back-up battery and electric lock.
- Total control of programming by digital display and three simple buttons.
- Easy setting using the AUTOSSET function which allows automatic setting of the operating parameters.

**D113703 00002 - ALTAIR P**

- Universal control panel for one or two motors up to 230V/0.5 HP of the electromechanical swing type.
- Easy wiring also for centralized connections, thanks

to the extractable terminal blocks and the AUTODIAGNOSTICS function.

- Security thanks to motor torque control, regulation of the working time for pedestrians and locked shut maintenance.
- Complete with incorporated 2-channel receiver and input for pedestrian opening.
- Total control of programming by digital display.
- Easy setting by means of three simple buttons for programming logic and parameters. Easy to use on pre-existing systems thanks to total compatibility with ALTAIR.

**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).

**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.

**D111013 - ME**

12 Vac electric lock board.

**D111761 - ME BT**

12/24 Vac electric lock board for BT operators.

**D121017 - ECB SX**

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

**P123001 00001 - EBP**

230 Vac electric lock with zero stop resistance. Also available in 50 mm, 75 mm versions and at 24V.

**N574005 - SIBOX**

Empty safe for external release and control push-button panel. Dimensions: 179.5x122x92 mm.

**N733036 - MOX**

External release mechanism for SIBOX model.

**P135005 - LRV**

Reduced levers (IGEA, IGEA BT).

**D531548 - KI**

Release key blank for ICARO, URANO BT, IGEA, IGEA BT.

**N733103 00002 - POX-SC**

Push-button panel with two buttons and pilot light for direct connection when the operator is regulated by an electrical control panel.