

IGEA BT

ELECTROMECHANICAL OPERATOR FOR SWING GATES



• A MODEL FOR EVERY NEED.

→ Great versatility thanks to the levers that permit installation on large sized pillars, opening up to 125°. Maximum offset 12" (30 cm)

• SMART TECHNOLOGY.

→ Control unit compatible with the EELink protocol.

• SAFE USE.

→ This version powered at 24V is specially designed for simpler and faster installation in compliance with latest safety standards.
 → Thanks to the antisquashing system, the operator reverses motion and prevents damage to people and vehicles in the event of contact.

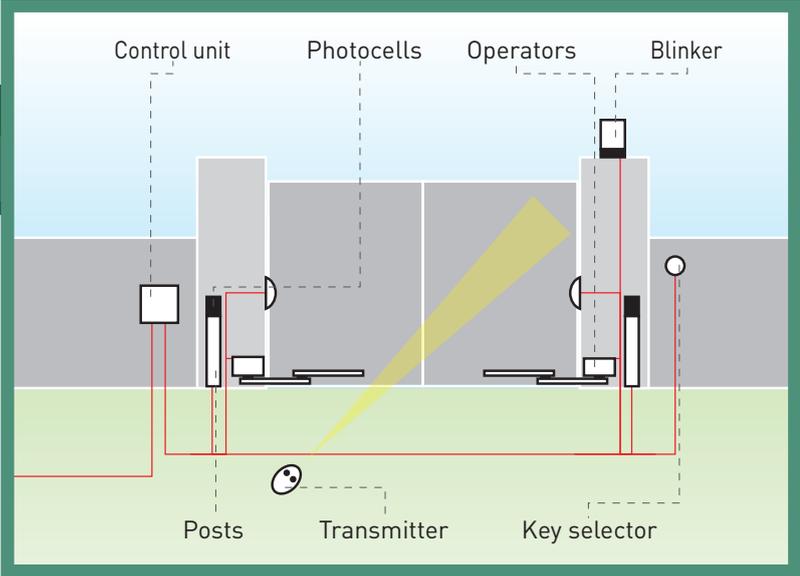
• SIMPLER INSTALLATION.

→ 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 or five 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.

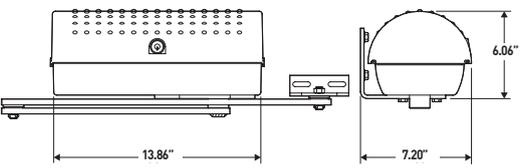
REFERENCE	DESCRIPTION	VOLTAGE	LEAF WEIGHT	LEAF LENGTH
P935070 00002	IGEA BT	24 V	up to 550 lbs (~250 kg)	up to 10' (3 m)
R935229 00004	IGEA BT KIT 2 OPERATORS	24 V	up to 550 lbs (~250 kg)	up to 10' (3 m)
R935229 00003	IGEA BT KIT 1 OPERATOR	24 V	up to 550 lbs (~250 kg)	up to 10' (3 m)

TECHNICAL FEATURES

	IGEA BT
CONTROL PANEL	LIBRA UL R
REVERSIBLE/IRREVERSIBLE OPERATOR	irreversible
POWER SUPPLY	120 V 60 Hz single-phase
ABSORBED POWER	0.05 hp (40 W)
THERMAL PROTECTION	integrated in the control panel
OPENING OR CLOSING TIME	15 s
IMPACT REACTION	torque limiter integrated in the control panel
TYPE OF LOCK	mechanical opening/closing
MANUAL RELEASE	release knob with personalised key
OPERATING CYCLE	intensive use
ENVIRONMENTAL CONDITIONS	from 5°F (-15°C) to 140°F (+60°C)
DEGREE OF PROTECTION	IP44
OPERATOR WEIGHT	35 lbs (~16 kg)
DIMENSIONS	see drawing next page
FUSE VALUE LIBRA BOARD TRANSFORMER	2A T
FUSE VALUE LIBRA BOARD LOGIC BOARD	1A T



DIMENSIONS



ACCESSORIES



D113701 00001 - LIBRA UL R
 • Universal control panel for one or two 24V motors with 1 wire limit switch for each motor. • Quick wiring through plug-in terminal strips. • LCD display for quick programming and easy fault diagnosis. • Crushing prevention by electronic torque self-adjustment. • Built-in 63 remotes rolling code receiver. • Optional serial control management, solenoid electric lock and battery backup.



P125005 - BT BAT
 24 Vdc battery backup system for PHOBOS BT, PHOBOS BT L, IGEA BT it includes a charger board that activates the batteries when power is off and charges the batteries when power is on.



KELIBRC002U - LIBRA 14 X 16 PRE-WIRED ENCLOSURE
 Pre-wired 14 x 16 enclosure box with Libra UL/CSA and 2 -9Amp/h batteries for back-up



D111761 - ME BT
 12/24 Vac electric lock interface for ECB locks with BT operators.



D121017 - ECB SX
 Left-hand horizontal electric lock. Also available in right-hand and vertical versions.



N574005 - SIBOX
 Empty safe for external release and control push-button panel. Dimensions: 7'x5'x3' 1/2.



N733036 - MOX
 External release mechanism for Sibox



D531548 - KI
 Blank spare key for release Knob



D111665 00003 - LIBRA UL R BOARD ONLY
 Replacement board.



KELIBRC005U - ECOSOL LIBRA PRE-WIRED ENCLOSURE KIT
 Libra UL/CSA 24V control board with ECOSOL interface, 2 - 9Amp/H batteries and radio receiver inside a pre-wired 12" x 14" box. Kit contains 10W solar panel and 15' of panel cable.



N999177 - PARTS KIT
 Kit for Joint/Igea arms



D731121 JOINT/IGEA PRIMARY ARM
 Grey powder coated arm connecting to operator.



D731120 JOINT/IGEA SECONDARY ARM
 Grey powder coated arm connecting to the gate bracket.



P121019 - T-BOX
 Digital keypad with 10 channels and 100 combinations. Backlit