



All the doors in sheds and industrial structures can be automated using a BFT operator. Extremely strong and compact, these solutions are also suitable for the most difficult applications: whatever the space they are installed in, they drive doors of different sizes in a safe and regular manner.

SOLUTIONS FOR THE AUTOMATION OF INDUSTRIAL FOLDING DOORS

FORB | IGEA LB BT



FORB - IGEA LB BT SERIES

ELECTROMECHANICAL OPERATOR FOR INDUSTRIAL SECTIONAL DOORS



FORB

• A MODEL FOR EVERY NEED.

→ Several versions available for automating large doors.

• SAFE USE.

- Hydraulic antisquashing system.
- Hydraulic locking on closing and internal release [also external with optional SEB accessory].
- Incorporated slowdown device.

IGEA LB BT

• SMART TECHNOLOGY.

→ Control unit compatible with the EElink protocol.

• SAFE USE.

→ 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.

• 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.

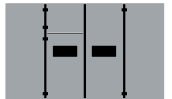
CODE	DESCRIPTION	VOLTAGE	DOOR WEIGHT	Q.TY PER PALLET
P935019 00001	FORB R	230 V	72 kg = 2,4 m ² (2 operators)	20
P935072 00002	IGEA LB BT	24 V	from 200 kg to 250 kg	20

TECHNICAL FEATURES

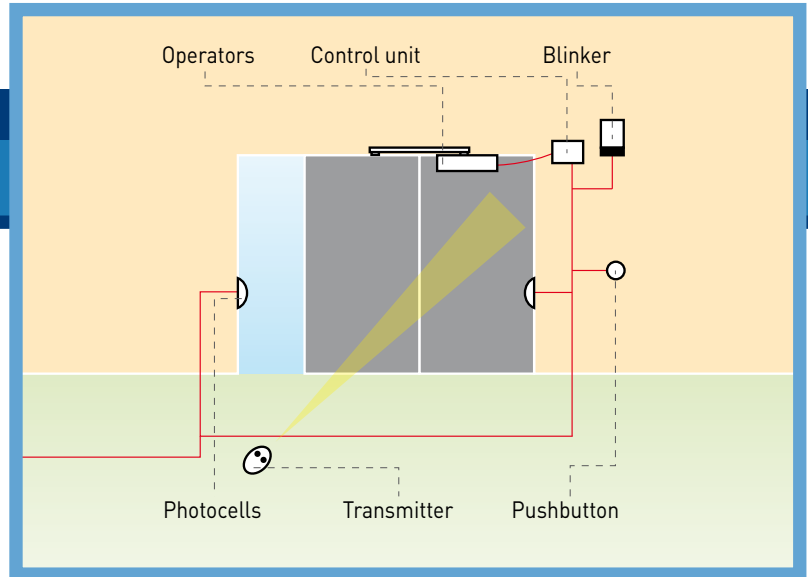
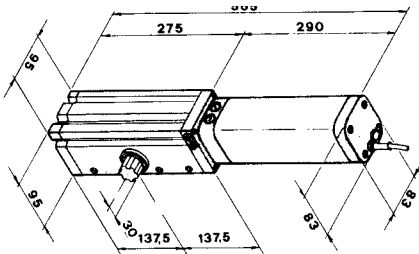
FEATURES OF THE RANGE

SPECIFIC FEATURES

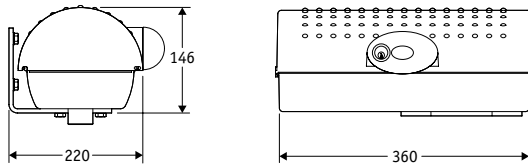
	FORB R	IGEA LB BT
CONTROL PANEL	RIGEL 5 (suggested)	LIBRA C MA
OPERATOR	irreversible	
POWER SUPPLY	230 V~ ± 10%, 50 Hz single-phase	24 Vdc
ABSORBED POWER	250 W	40 W
THERMAL PROTECTION	built into motor	built into control unit
OPENING OR CLOSING TIME	13 s + slow down	15 s
OUTPUT REVOLUTIONS	2,4 min	1,8 min
REDUCTION RATIO	-	1/812
MAX TORQUE	320 Nm	300 Nm
IMPACT REACTION	hydraulic friction	stops and movement is reversed
TYPE OF LIMIT SWITCHES	-	incorporated electric limit switch
MANUAL RELEASE	lever	release knob
OPERATING CYCLE	very intensive use	intensive use
ENVIRONMENTAL CONDITIONS	from -15°C to + 60°C	
DEGREE OF PROTECTION	IP20	IP4X
OPERATOR WEIGHT	~13 kg	~12 kg



DIMENSIONS (mm) FORB



DIMENSIONS (mm) IGEA LB BT



ACCESSORIES



D113693 00003
RIGEL 5
See page 141



D113672 00005
LIBRA C MA
See page 141



D113703 00002
ALTAIR P
See page 140



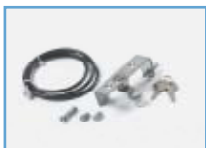
P125005 - BT BAT
Thanks to the back-up batteries and battery charger, the BT BAT kit guarantees low voltage operation of the leaf in the event of power failure (LIBRA C MA, LIBRA C LX, HYDRA R).



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.



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.



N733020 - SEB
External key release for BERMA, FORB and IGEA LB BT models.



P121016 - RB
Four channels wall radio control with rolling code.



NEW 2009
P121019 - T-BOX
Remote control digital pushbutton panel for exterior use, with backlit light-touch keypad.



D121611 - SPC
External Start-Stop 2-button panel.



D121612 - SPC2
External Open-Close 2-button panel.



NEW 2009
D121619 - SPC3
External Open-Stop-Close 3-button panel



D121613 - SPCE
External pushbutton panel with mushroom-head emergency button.



NEW 2009
N733422 - RCAL
Lever-operated release, with 7m-long steel cable.



NEW 2009
N733421 - RCA
Lever-operated release, with 3.5m-long steel cable.