

ELI SERIES

ELECTROMECHANICAL OPERATOR FOR SWING GATES



Opens the future



CODE	DESCRIPTION	VOLTAGE	LEAF WEIGHT	LEAF LENGTH
P930118 00001	ELI 250 BT	24 V	from 2500 N (~250 Kg) to 4000 N (~400 Kg)	from 2,5 m <small>(with electric lock)</small> to 3,5 m <small>(without electric lock)</small>
P930114 00001	ELI 250	230 V	from 2500 N (~250 Kg) to 3000 N (~300 Kg)	from 2,5 m <small>(with electric lock)</small> to 3,5 m <small>(without electric lock)</small>
P930114 00003	ELI 250-V	230 V	up to 1500 N (~150 Kg)	up to 2 m

• SMART TECHNOLOGY.

→ The incorporated magnetic limit switches allow positioning precision and constancy, remain unchanged with variations in climatic conditions (ELI 250 BT) and are not subject to wear.

→ Control unit compatible with the EELink protocol.

→ Shorter times for the opening and closing operations (ELI 250 BT).

• 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

→ Maintenance is carried out without the need to raise and remove the gate.

→ The special foundation case makes it possible to extract the operator without removing the gate leaf.

TECHNICAL FEATURES

	ELI 250 BT	ELI 250	ELI 250 V
CONTROL PANEL	LIBRA C MA	ALTAIR P (suggested)	ALTAIR P (suggested)
REVERSIBLE/IRREVERSIBLE OPERATOR	irreversible	irreversible	irreversible
POWER SUPPLY	230V~ ± 10%, 50 Hz single-phase	230V~ ± 10%, 50 Hz single-phase	230V~ ± 10%, 50 Hz single-phase
ABSORBED POWER	175 W	280 W	280 W
THERMAL PROTECTION	integrated	integrated	integrated
OPENING ANGLE	from -10° to +110°	from -10° to +110°	from -10° to +110°
OPENING OR CLOSING TIME	15 s / 120°	28 s / 120°	14 s / 120°
IMPACT REACTION	torque limiter integrated in the control panel	torque limiter integrated in the control panel	torque limiter integrated in the control panel
TYPE OF LOCK	mechanical	mechanical	mechanical
MANUAL RELEASE	release key	release key	release key
OPERATING CYCLE	intensive use	semi intensive use	semi intensive use
ENVIRONMENTAL CONDITIONS	from -20°C to + 50°C	from -20°C to + 50°C	from -20°C to + 50°C
DEGREE OF PROTECTION	IP67	IP67	IP67
OPERATOR WEIGHT	100 N (~10 kg)	100 N (~10 kg)	100 N (~10 kg)
DIMENSIONS	see drawing	see drawing	see drawing

ACCESSORIES



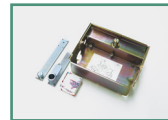
D113672 00005 - LIBRA C MA

- 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 AUTOSET function which allows automatic setting of the operating parameters.



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. For PHOBOS BT, PHOBOS BT L, IGEA LB BT, IGEA BT and ELI 250 BT models.



N733250 - BTCF 120

Universal foundation case for ELI 250 BT, ELI 250, ELI 250 V with levers.



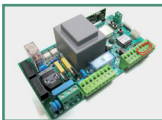
N733266 - BTCF 120 INOX

Foundation case in stainless steel with levers for ELI 250 BT, ELI 250, ELI 250 V.



P123001 00001 - EBP

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



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.



N733304 - E180

180° opening kit for underground operator ELI 250.



N733345 - CFE

Stop pack ELI 250.



N733368 - CFE BT

Stop pack ELI 250 BT.



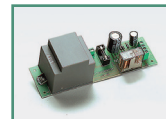
D121017 - ECB SX

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



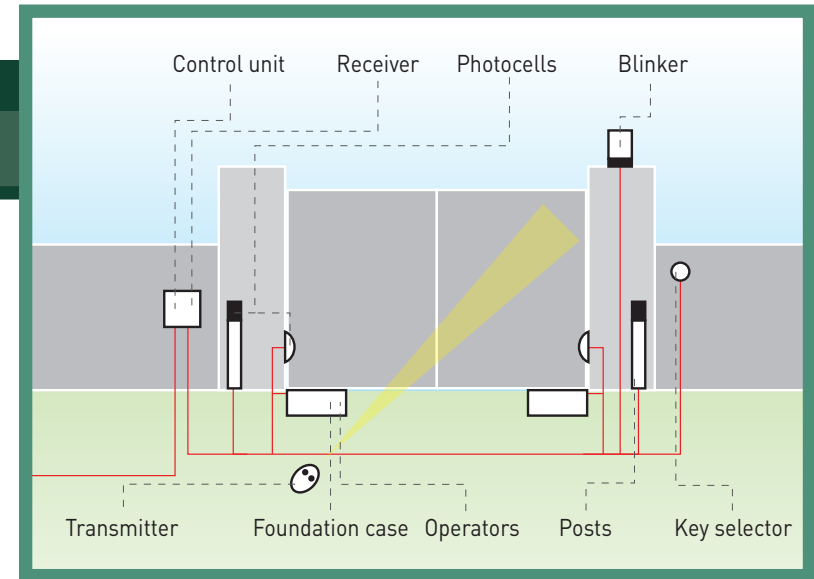
D111761 - ME BT

24 Vac electric lock board for BT operators.



D111013 - ME

12 Vac electric lock board for ALCOR N model and ALPHA SD model.



DIMENSIONS

