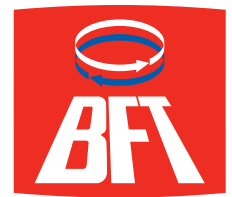


ORO SERIES

HYDRAULIC OPERATOR FOR SWING GATES



Opens the future



CODE	DESCRIPTION	VOLTAGE	LEAF WEIGHT	LEAF LENGTH
P935059 00001	ORO	230 V	up to 1800 N (~180 Kg)	up to 1.8 m
R935222 00002	ORO KIT	230 V	up to 1800 N (~180 Kg)	up to 1.8 m
P935058 00001	ORO E	230 V	up to 2000 N (~200 Kg)	up to 2.5 m

• **A MODEL FOR EVERY NEED.**

→ Versions are available that are irreversible when closing (ORO model) and reversible (ORO E model).

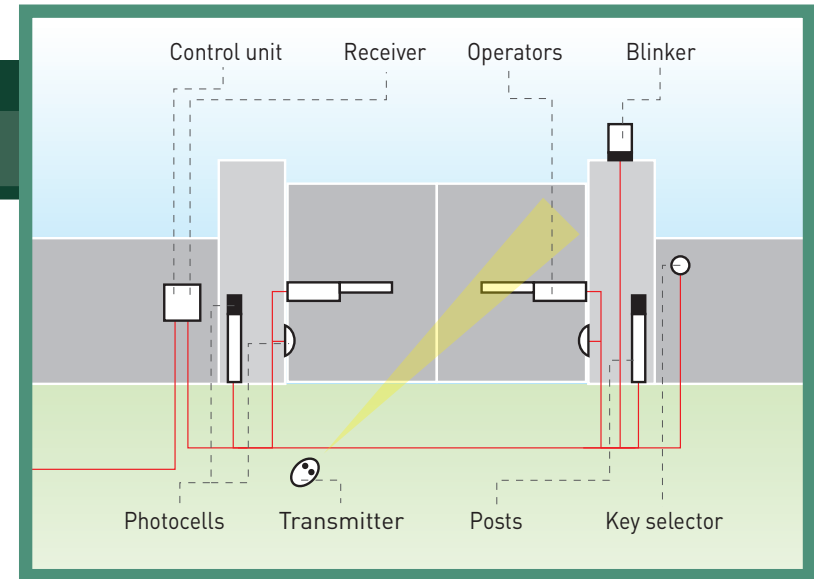
• **SAFE USE.**

→ Antisquashing protection guaranteed by two adjustable bypass valves.

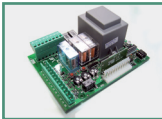
TECHNICAL FEATURES		
	ORO	ORO E
CONTROL PANEL	ALCOR N (suggested)	ALCOR N (suggested)
REVERSIBLE/IRREVERSIBLE OPERATOR	irreversible	reversible
POWER SUPPLY	230V~ ± 10%, 50 Hz single-phase	230V~ ± 10%, 50 Hz single-phase
ABSORBED POWER	240 W	240 W
THERMAL PROTECTION	integrated	integrated
OPENING ANGLE	250 mm	250 mm
ROD SPEED	12 mm/s	8 mm/s
OPENING AND CLOSING TIME	20 s	27 s
IMPACT REACTION	hydraulic clutch	hydraulic clutch
TYPE OF LOCK	hydraulic on closing	electric lock
MANUAL RELEASE	release key	reversible
OPERATING CYCLE	semi intensive use	semi intensive use
ENVIRONMENTAL CONDITIONS	from -10°C to + 60°C	from -10°C to + 60°C
DEGREE OF PROTECTION	IP55	IP55
OPERATOR WEIGHT	53 N (~5,3 kg)	53 N (~5,3 kg)
DIMENSIONS	see drawing	see drawing



RESIDENTIAL AND APARTMENT-BLOCK USE



ACCESSORIES



D113706 00002 - ALCOR N

- Ideal control panel for one or two motors up to 230V/0.5 HP of the hydraulic swing type.
- Easy wiring thanks to extractable terminals blocks.
- Safety thanks to the AUTODIAGNOSIS function with LEDs for detecting faults.
- Complete with incorporated two-channel receiver and pedestrian management.
- Programming upgraded with the following functions: locked shut maintenance, 3/4 step logic, pedestrian closure, separate opening/closing.
- Easy use with previous systems thanks to total compatibility with ALCOR SD.



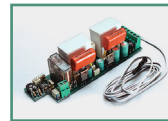
D190177 - IDROLUX WINTER

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



D730178 - PLE

Anchor plate used to weld brackets to masonry pillars..



D113050 - SPL

Preheating board for 1 or 2 LUX, SUB, ORO, P4,5-P7, BERMA and E5 operator models. Can be fitted inside control panels, models ALPHA SD, ALCOR N. Permits gate opening at regular speed even in particularly cold areas. The operator is able to work at -20° with this accessory.



P123001 00001 - EBP

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



D121017 - ECB SX

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



D111704 - SSR5

Traffic light and preheating control board for RIGEL 5 control panel. The operator is able to work at -20° with this accessory.



D111013 - ME

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

DIMENSIONS

