

ORO SERIES

HYDRAULIC AUTOMATION FOR SWING GATES



Opens the fut



• **A MODEL FOR EVERY NEED.**

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

• **SAFE USE.**

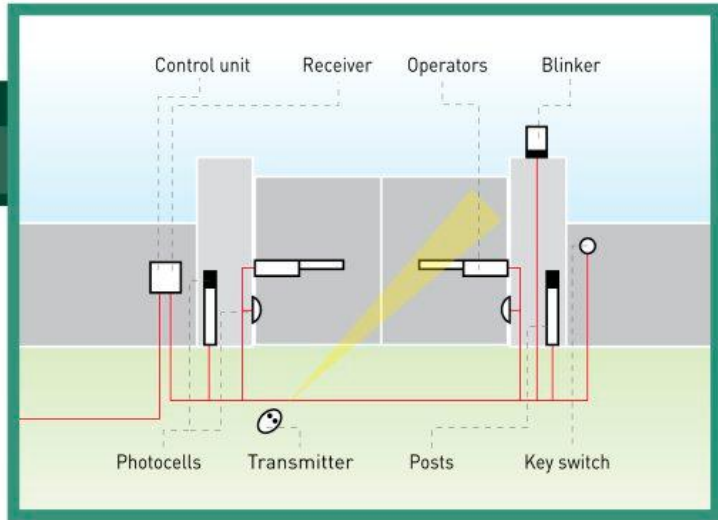
→ Antisquashing protection guaranteed by two adjustable bypass valves.

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

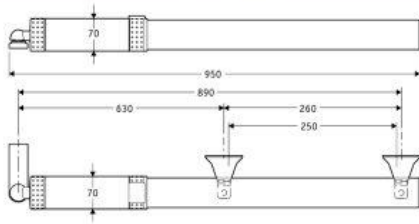
TECHNICAL FEATURES

	ORO	ORO E
CONTROL PANEL	ALCOR N (suggested)	ALCOR N (suggested)
REVERSIBLE/IRREVERSIBLE OPERATOR	irreversible	reversible
POWER SUPPLY	230 V- ± 10%, 50 Hz single-phase	230 V- ± 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 CLS	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



DIMENSIONS



ACCESSORIES



D113706 00002 - ALCOR N

• Ideal control panel for one or two motors up to 230V/0.5 HP of the 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.



D113693 00003 - RIGEL 5

• Universal control panel suitable for one or two 600W/230V motors (Imax 600+600W). • Easy to wire also for centralised

connections thanks to extractable terminals and the AUTODIAGNOSIS function. • Safety thanks to control of braking and the motor torque. • Complete with extractable 2-channel receiver, ready for fast coupling to receivers with greater capacity and advanced functions. • Total control of programming by digital display and three simple buttons.



D113050 - SPL

Preheating board for 1 or 2 LUX, SUB, ORO, P4, 5-P7, BERMA and E5 operator models. With this accessory the operator is able to work at very low temperature.



D111704 - SSR5

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

NEW 2008



P111408 - SCS WIE

Circuit board for direct connection of wiegand accessories (such as SELETTO, COMPAS SLJM, 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.



P123001 00001 - EBP

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



D111013 - ME

12 Vac electric lock board.



D730178 - PLE

Anchor plate used to weld brackets to masonry pillars.



D121017 - ECB SX

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



D610180 - CLS

Release key for LUX B, ORO, SUB, PHOBOS N and PHOBOS N BT models (10-piece pack).

For system composition and installation refer to the regulations in force in the country where the system is being installed. The indicated data are not binding. BFT reserves the right to make modifications without prior notice.

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