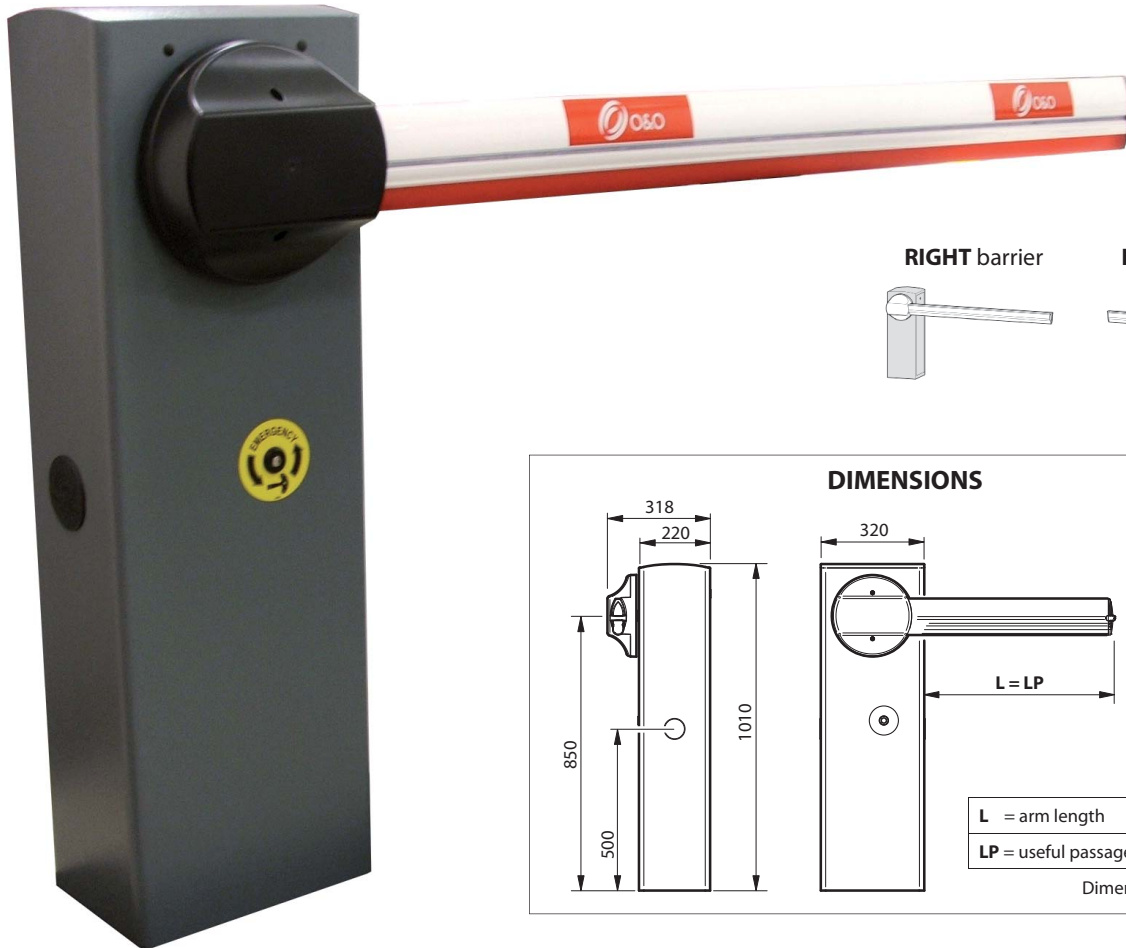


PRODUCT DATASHEET

newUP&DOWN

Automatic electromechanical barrier

Designed for intensive use. Suitable for residential use and/or condominium.



- Self-supporting steel structure, cathaphoresis treated and powder paint coated (optional stainless steel)
- Opening time:
 - from arm 3.0 to 4.0m - **from 2.5 to 6.0 s**
 - from arm 5.0 to 6.0m - **from 4.0 to 9.0 s**
- Maximum frequency: **1 000 op./day**
- MCBF: **500 000 cycles**
- 1-phase 230 Vac $\pm 10\%$, 50-60 Hz power supply
- Constant speed, stopping movement with electric limit switches
- Reversal of movement during closing and stop of movement during opening
- Self-learning during open/close operation (Encoder)
- Self-cooled gear reduction in permanent grease, 24 Vcc
- Direct drive on the gear-box shaft
- Hand operation from outdoor with key
- Supplied with installation template

REFERENCE STANDARDS

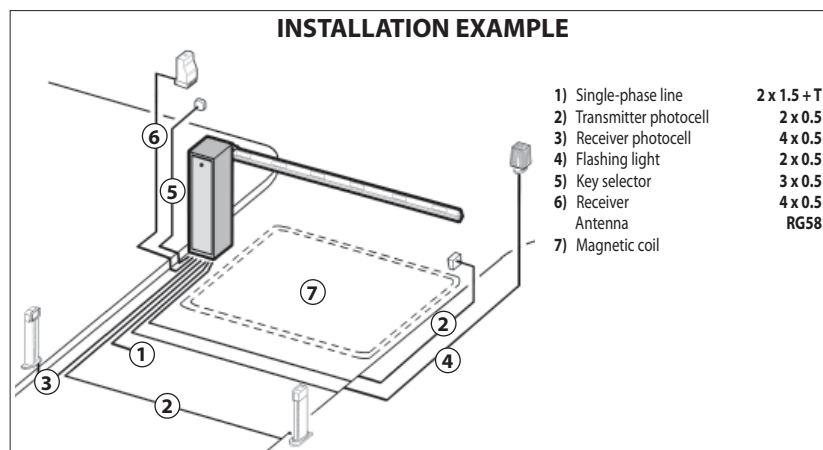
2004/108/CEE; 93/68/CEE (EN55014-1; EN55014-2) • Electromagnetic Compatibility
 2006/95/CEE; 93/68/CEE (EN60335-1(2002)) • Low voltage
 2006/42/CEE (EN60204-1) • Machinery directive
 99/5/CEE (ETSI EN 301 489-3 (2002) + ETSI EN 301 498-1 (2005); ETSI EN 300 220-2 (2006))
 Radio set (tested with the electronic control unit LOG-BR)

TECHNICAL-ENVIRONMENTAL MAIN FEATURES	
Barrier size	220 x 320 x h.850 mm; steel Fe 360 (S 235 JR) *
Road passage	2.5...6.0 m
Finishing	Cataphoresis, powder paint RAL7031 standard, other colours on request
Foundation	Concrete, 500 x 500 x h.400mm
Motor	Self-cooled gear reduction in permanent grease, 24 Vcc
Obstacle detection	Encoder: reversal of movement during closing and stop of movement during opening
Lock	Mechanic
Unlock	Hand operation from outdoor with key
Opening time	from arm 3.0 to 4.0m - from 2.5 to 6.0 s from arm 5.0 to 6.0m - from 4.0 to 9.0 s
Operating ambient temperature	-20°C +60°C
Operating humidity	up to 100%
IP grade	IP54
Total barrier weight	~48 Kg

* option, AISI304 or AISI316

ELECTRICAL FEATURES	
Control unit	LOG-BR
Power	1-phase 230 Vac ±10%, 50-60 Hz
IP grade	IP54
Operating ambient temperature	-20°C +60°C
Operating humidity	up to 95%, non condensing
Absorbed power	100 W (50Hz)
Power consumption	7 W (50Hz)
Signalling	LED lights on the arm
Sensor inputs	• Photocell
Local/Remote control	• Digital inputs • Radio remote control (RX on board, TX optional)

For system composition and installation refer to the regulations in force in the country where the system is being installed.



ITEM SPECIFICATION

Automatic electromechanical barrier for intensive use for passage from 3.0 to 6.0 m. Dimensions 320 x 220 x h.1010 mm. Self-supporting steel structure Fe 360 (S 235 JR), cataphoresis treated and powder paint coated. IP54. Control unit on board. Self-cooled gear reduction in permanent grease, 24 Vcc. Operating ambient temperature up to -20°C +60°C. Maximum frequency 1 000 op./day.MCBF: 500 000. Motor power 230 Vac (±10%), 50-60Hz. Absorbed power 100W max. Opening time: from arm 3.0 to 4.0 m, from 2.5 to 6.0 s; from arm 5.0 to 6.0 m, from 4.0 to 9.0 s. Reaction to impact: reversal of movement during closing and stop of movement during opening (Encoder). Balancing by traction spring. Hand operation from outdoor with key.