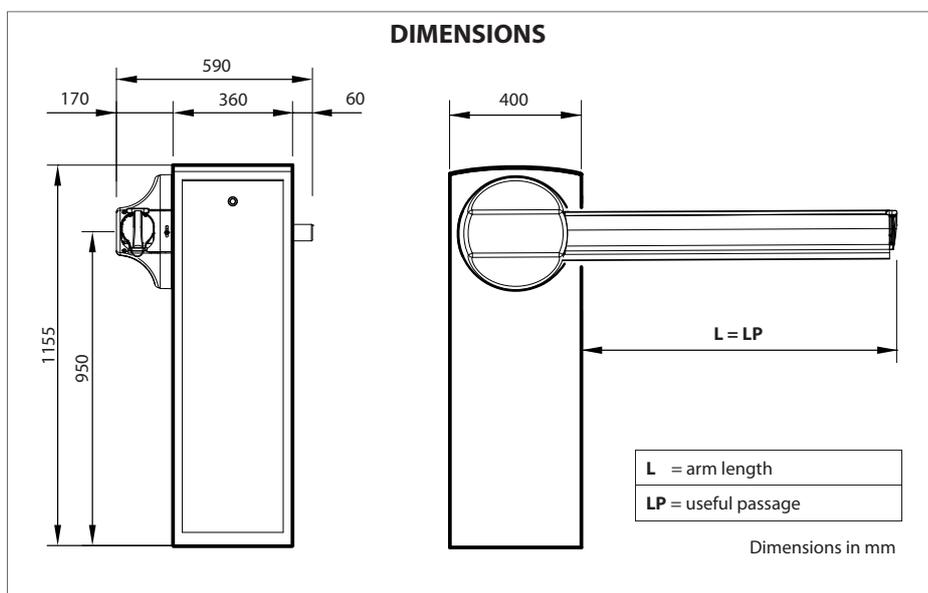
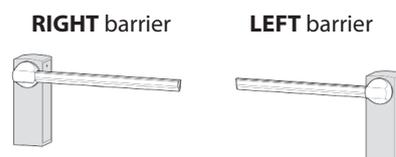
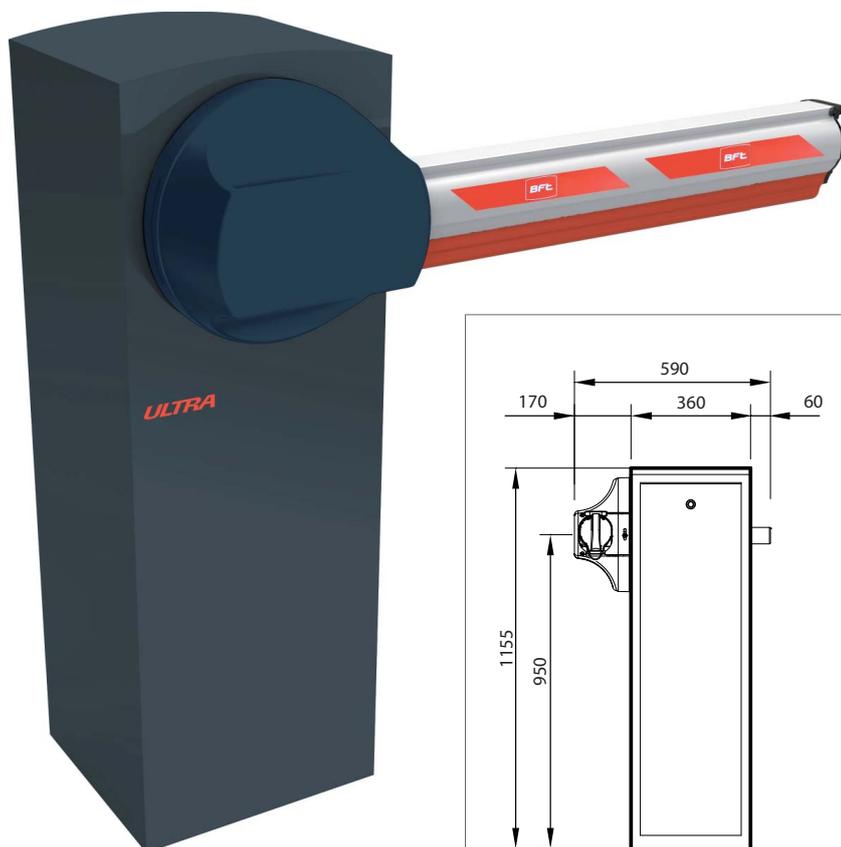


PRODUCT DATASHEET

MAXIMA ULTRA 68

Automatic electromechanical barrier

Designed for industrial access passage with very wide, fast and frequent transit



- Self-supporting steel structure, cathaphoresis treated and powder paint coated (optional stainless steel)
- Double exit shaft for easy left/right arm mounting
- Opening time: **from 4.5 to 6.0 s**
- Maximum frequency: **3 000 operations/day**
- MCBF: **2 000 000 cycles**
- Slowdown in opening and closing, three-phase inverter for motor speed adjustment
- Configurable obstacle detection (encoder)
- Rod/crank mechanism
- Supplied with installation template
- Self-cooled gear reduction in oil bath, ventilated, asynchronous motor, three-phase 230 Vac
- Available also in version with 1-phase 115 Vac \pm 10%, 50-60 Hz power supply
- Opening manual with knob, inside the structure
- Compatible with automatic opening kit in case of power supply loss
- Internal control unit, option for TCP/IP and RS485 interfaces

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 CSB Xtreme)

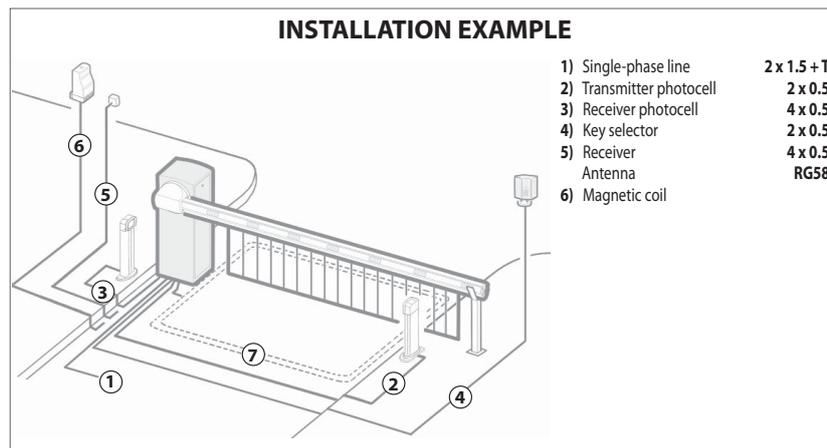
TECHNICAL-ENVIRONMENTAL MAIN FEATURES	
Barrier size	360 x 400 x h.1155 mm; steel Fe360 (S 235 JR) *
Road passage	4.0...8.0 m
Finishing	Cataphoresis, powder paint RAL7015 standard, other colours on request
Foundation	Concrete, 600 x 500 x h.400 mm
Motor	Self-cooled oil-bath gear reduction, rod/crank
Obstacle detection	Configurable (encoder)
Lock	Mechanic
Unlock	Manual with knob, inside the structure Compatible with automatic opening kit in case of power supply loss
Opening time	from 4.5 to 6.0 s (adjustable)
Operating ambient temperature	-30°C ** +60°C
Operating humidity	up to 100%
IP grade	IP54
Total barrier weight	~110 Kg

* option, AISI304 or AISI316

** With integrated heater active

ELECTRICAL FEATURES	
Control unit	CSB Xtreme
Power	1-phase 230 Vac ±10%, 50-60 Hz 1-phase 115 Vac ± 10%, 50-60 Hz versions available
IP grade	IP54
Operating ambient temperature	-30°C ** +60°C
Operating humidity	up to 95%, non condensing
Absorbed power	650 W (50Hz)
Power consumption	44 W (50Hz)
Signalling	LED lights on the arm
Sensor inputs	<ul style="list-style-type: none"> • Photocell • Boom pushed (special breakable boom) • UPS • Emergency stop from front panel
Local/Remote control	<ul style="list-style-type: none"> • Digital inputs • Radio remote control (RX on board, TX optional) • RS485, TCP/IP (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 4.0 to 8.0 m. Dimensions 360 x 400 x h.1155 mm. Self-supporting steel structure Fe360 (S 235 JR), cataphoresis treated and powder paint coated. IP54. Internal control unit, compatible with TCP/IP and RS485 interfaces. Self-cooled gear reduction in oil bath, ventilated, rod/crank mechanism and slowdown in opening and closing. Operating ambient temperature up to -30°C +60°C. Maximum frequency: 3 000 operations/day. MCBF: 2 000 000. Electric motor power 230 Vac (±10%), 50-60Hz. Absorbed power 650W. Opening time: from 4.5 to 6.0 s. Configurable obstacle detection (encoder). Spring balance. Manual unlock inside the structure.