

AUTOMATIC ELECTROMECHANICAL BARRIER **MAXIMA ULTRA 35**



- **Designed to control very high frequency passages, large parking areas and motorways toll stations**
- Self-supporting steel structure, cathaphoresis treated and powder paint coated (stainless steel version available)
- Double exit shaft for easy left/right arm mounting
- Opening time: from 0.7 to 3.0 sec
- Maximum frequency: **20 000** operations/day for arm length up to 3 m
5 000 operations/day for arm length up to 5 m
- MCBF: **5 000 000** cycles
- Configurable obstacle detection (**encoder**)
- Slowdown in opening and closing
- Three-phase inverter for motor speed adjustment
- Rod/crank mechanism for additional slowdown and anti-tampering functionality at end positions
- Supplied with installation template
- Self-cooled gear reduction in oil bath
- Ventilated, asynchronous, three-phase motor
- 1-phase 230 VAC or 1-phase 115 VAC power supply
- Internal control unit, option for TCP/IP and RS485 interfaces
- In case of power supply black-out, the arm opens or closes spontaneously (option)

| MECHANICAL | |
|----------------------------------|---|
| Road passage | 1.7... 5.0 m |
| Barrier size | 320x280x1110 mm |
| Motor | Self-cooled oil-bath gear reduction, rod/crank |
| Lock | Mechanic |
| Unlock | Manual with knob, inside the structure |
| Finishing | Cataphoresis, powder paint (option AISI INOX ¹) |
| Colour | Grey RAL7015 standard |
| Foundation | Reinforced concrete, ~500x500 h.400 mm |
| Barrier weight | 65 kg |
| Total barrier weight (packaging) | ~70 kg |

| ENVIRONMENTAL | |
|-------------------------------|---|
| Operating ambient temperature | -30 °C .. +60 °C |
| Operating humidity | 100% |
| IP grade | IP65 |
| Salty mist resistance | 480h (ISO 9227:2012), 1000h (ISO 9227:2012) for AISI316 |

| ELECTRICAL | |
|-------------------------------|---|
| Control unit | CSB-Xt |
| Power | 1-phase 230 VAC +-10%, 50-60 Hz 1-phase 115 VAC +- 10%, 50-60 Hz |
| Power consumption | 370 W |
| Local/Remote control | <ul style="list-style-type: none"> • Digital inputs • Radio remote control (RX on board, TX option) • RS485, TCP/IP (option) |
| Signalling | LED lights on the arm, bicolor Red/Green |
| Sensors | <ul style="list-style-type: none"> • Photocell • Boom pushed (special breakable boom) • UPS • Emergency stop from front panel |
| IP grade | IP54 |
| Operating ambient temperature | -20 °C .. +60 °C |
| Operating humidity | up to 95%, non condensing |

| OTHER | |
|------------------|--|
| Applicable norms | <p>2004/108/CEE; 93/68/CEE (EN61000-6-3 (2003); EN61000-6-2 (2003)) - Electromagnetic Compatibility</p> <p>2006/95/CEE; 93/68/CEE (EN60204-1 (2006)) - Low Voltage Directive</p> <p>99/5/CEE (ETSI EN 301 489-3 (2002) + ETSI EN 301 498-1 (2005); ETSI EN 300 220-2 (2006)) - Radio Set</p> <p>2006/42/CEE (EN60204-1 (2006)) - Machinery Directive</p> |

¹ A richiesta, AISI304 o AISI316