

ABACUS

BlueEdition

GATE

Modern, energy-saving barrier with extensive functions, specially designed for demanding tasks in parking management systems.

- Barrier arm length up to 3.7 m
- Opening and closing in 1.3 sec.
- Adjustable opening and closing speeds
- Compact control unit with versatile configuration options
- Innovative motor technology with the best possible energy efficiency
- Maintenance friendly: control unit installed directly below the cover
- For almost all standard passenger cars



Basic equipment

Casing

- Greatest possible corrosion protection
- Extremely robust design
- Access to the drive unit from two sides

Drive unit

- High torque drive, maintenance free
- Brushless DC motor, maintenance free
- Best possible energy efficiency
- Outstanding longevity
- Compact motor, motor control and gear unit
- Fast response time
- Non-contact reversing mechanism
- Adjustable opening and closing speeds

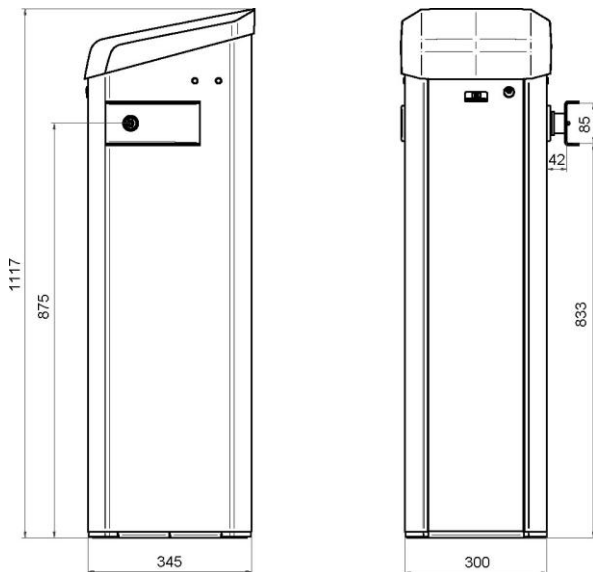
Control unit

- Serial communication with the control terminal
- Integrated two-channel induction loop detector
- Simple operation due to large LCD display and four operating keys
- Extensive configuration options
- Modular design
- Configurable behaviour in case of power outage:
 - Barrier opens automatically after power outage
 - Barrier remains closed and locked
 - Barrier remains closed and unlocked

Barrier arm

- Standard barrier arm, barrier arm length 2.70 m, mounted right hand side
- Alarm message in case of displaced/broken barrier arm ¹

¹ only for barrier arm lengths up to 3 m



Here with flange for barrier arm lengths up to 3 m

Options

- Straight barrier arm, barrier arm length max. 3.7 m
- Articulated barrier arm, barrier arm length max. 3 m
- Illuminated straight barrier arm, barrier arm length max. 2.7 m
- Illuminated articulated barrier arm, barrier arm length max. 2.7 m
- Barrier arm mounted left hand side
- Safety light barrier, transmitter/receiver, with test function
- Light barrier, reflective or light sensor
- Ultrasonic sensor
- Key switch
- Fire brigade switch
- Additional integrated or external double detector for induction loops
- Integrated or external radio remote control
- 2 terminals controlling one barrier for the operation of one barrier from two control devices
- Thermostatically regulated heater
- Surge arrester
- Installation of a relay

- Red LED warning light
- Yellow LED signal light
- Red LED flashing light
- Special customised terminal colour for side parts
- Ram protection rail or posts
- Foundation frame/mounting kit

Design

- Aluminium casing, outer and inner surface with durable, weather-resistant powder coating
- Stainless steel base frame, surface with durable, weather-resistant powder coating
- Casing doors and cover secured with a cylinder lock
- Side parts: RAL 7012 (basalt grey)
- Casing doors and cover: RAL 9006 (aluminium white)
- Barrier arm length up to 3 m: Barrier arm made of aluminium profile, anodised colourless, with red reflective stripes, lower edge with shock-absorbing edge protector
- Barrier arm longer than 3 m: Barrier arm made of octagonal aluminium profile, weather-resistant white coated, with red reflective stripes, lower edge with shock-absorbing edge protector

Technical data

- Type: GATE 1209
- Voltage supply: 85-264 V AC, 50/60 Hz
- Current consumption: device: operation: 0.13 A, max. 0.8 A standby mode: 0.08 A heater: 1.1 A
- Power consumption: device: operation: 29 W, max. 95 W standby mode: 8 W heater: 250 W
- Network system: TN-S system
- Pre-fuse: max. 16 A
- Terminal cross-section: max. 4 mm²
- Connection type: tension spring connection
- Protection class: I
- Rating: IP 54
- Temperature: operation: -20 to +50 °C with heater: -30 to +50 °C storage: -30 to +70 °C
- Wind force: max. 10 Bft
- Barrier arm length: up to 3.7 m
- Weight: 44 kg, without the barrier arm
- Dimensions: see figure

Safety/ Regulations

- CE Declaration of Conformity in accordance with Machinery Directive 2006/42/EC and EMC 2004/108/EC

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