

CITY BARRIER-ART



GENERAL DESCRIPTION

City Barrier-ART Series are designed for the controlled flow of traffic, especially for the parking places. Thanks to its foldable arm feature, the articulated arm barrier is suitable for use in places without a high pass or a low roof.

SYSTEM SPECIFICATIONS

- ➔ Barrier can be controlled by Optima App on your IOS and Android mobile phones.
- ➔ The barrier cabinet is designed to IP 55 rating EN 60529 (British BS EN 60529:1992) standards.
- ➔ All components of the mechanism are manufactured on CNC machines.
- ➔ Barrier has the manual release feature.
- ➔ The arm is aluminum with a special elliptical like cross-section design.
- ➔ Special design barrier arm enables a safety gasket to be mounted under the arm.
- ➔ A high torque AC motor is utilized in the barrier.
- ➔ All gears of the barrier are heat treated.
- ➔ Control electronics are mounted in an IP 67 proof plastic box.
- ➔ Low power consumption and silent running.
- ➔ Compatible with all access control systems.
- ➔ Motor start and stop control is maintained by Optima Control Card.
- ➔ Closing the barrier can be utilized by the automatic time delay facility. Time delay can be adjusted between 5/10/15 seconds.
- ➔ Red/Green led light above the aluminum barrier arm.

ARM

The arm is aluminum with a special elliptical like cross-section design. This special design enables a safety gasket to be mounted under the arm, besides increasing the arm's inertia (i.e. increased durability against impact, wind force, etc.) It is manufactured by a special mould, with the extrusion process. The articular electromechanical barrier has a foldable arm feature. On the arm, there are red phosphorescent stickers as a night time warning. Two ends of the arm are closed by aluminum-colored plastic caps.

ENVIRONMENTAL CONDITIONS AND POWER REQUIREMENT

- ➔ Between -15°, and + 65°C, %95 non-condensing humidity; 220V 50-60 Hz.
- ➔ Power Consumption 350 W (Max).

TYPE DESCRIPTION

City Barrier-ART 4m maximum arm length, opening time approximately 3 seconds.

OPTIONAL ACCESSORIES

- ➔ Push button box.
- ➔ Red/green traffic lights with steel pole.
- ➔ Flashing light (flashes while the arm is in motion).
- ➔ LED light under the aluminum barrier arm.
- ➔ Safety photocell.
- ➔ Stand and casing for safety photocell.
- ➔ Pneumatic edge safety sensor.
- ➔ Dual vehicle safety loop detector.
- ➔ Radio receiver & antenna.
- ➔ Radio transmitter.
- ➔ Wrong way alarm.
- ➔ High speed alarm.
- ➔ Protection bar for barrier cabinet.
- ➔ Barrier skirt (aluminum).
- ➔ Stop sign in the middle of barrier arm.
- ➔ SCADA or any control system: It is possible to change and check the position of barriers with touch screen control panel, mobile devices (ios-android), computer, etc.

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MAIN BODY MEASUREMENTS

