

BG 700 SERIES

When an application calls for a barrier gate, SENTEX SYSTEMS' BG 700 Series has the reliability and features you require for a commercial installation. These barrier gate operators have a variety of applications. They can be utilized in a high traffic area where frequent access is required or integrated with another style gate to create a trap, preventing additional cars from entering a specified area prior to the previous car leaving.

There is one main distinction between the BG 700 Series. The BG 770 supports a single 12-foot long arm and the BG 790 affords you up to an additional 12 feet (24 feet total) by utilizing a wishbone configuration on the arm.



BG 770



BG 790

SENTEX SYSTEMS' parking gates are designed for long life and durability. The weatherproof cabinet is composed of heavy-duty 11 gauge pre-galvanized steel and is baked with a powder coat finish. A continuous duty 1/3 HP industrial motor, with overload protection and a heavy-duty wormgear-in-oil-bath reducer, are standard to withstand heavy usage and promote low maintenance.

At SENTEX SYSTEMS, we understand the concerns associated with gate operation since gates include moving parts and powerful motors. The BG 700 Series includes a sensitivity adjustment for detecting obstructions during closing. If an obstruction is sensed the operator will stop and then back up, by a pre-determined distance, releasing pressure on the obstruction. This is just one of the many ways that the BG 700 Series provides you with maximum protection.

To complete a well-planned installation, demand a SENTEX SYSTEMS gate operator and you will have the entire SENTEX SYSTEMS team behind you, a team built on our quality and customer service.

BG 700 SERIES

Full Systems Capability

The BG 700 Series can be used with a manual override switch installed at a guard station and/or a 3rd party access control system to permit visitor access. The open request from either system will initiate the appropriate cycle.

Security Loops

To simplify the installation of security loops, connections have been provided on the CPU board for open and close loop detectors.

Inherent Obstruction Sensing

A built-in Hall Effect sensor is used to monitor the rotational speed of the drive system. If this speed changes during opening or closing, the operator will stop and release pressure on the obstruction.

External Obstruction Sensing

In addition to the inherent obstruction sensing, the BG 700 Series operators provide terminal connections for external devices such as photo eyes.

Accessory Power

The BG 700 Series include a 24 VAC pre-wired terminal strip for field connection of access control equipment and a 115-volt convenience outlet that can be used for installation and servicing tools. (Convenience outlet available on 115 volt models only)

Removable Electrical Controls

The electrical controls on the BG 700 Series are placed in a separate removable enclosure for quick servicing and maintenance of the unit.

Access Panels

Two access panels, with keyed entry to prevent unauthorized access, are provided for quick installation and maintenance.

On/Off Switch

An On/Off power switch is included to make installation and servicing easier.

Control Station

A one button (Emergency Stop) control station is included pre-assembled, with the unit, for safety and manual stopping operations.

Auto/Manual Switch

The BG 700 Series includes a convenient toggle switch to enable the operator for automatic or manual operation.

Option

Timer to Close

An adjustable timer (1 – 220 sec.) is used to close the gate after a pre-determined time has expired. A "defeat" jumper is also included in the event the feature is not required.

Specifications

Power Ranges are available in 1/3 Hp:

Voltage	Hertz	Phase
115	60	1
208	60	1
230	60	1
208	60	3
230	60	3
460	60	3
575	60	3
220	50	1
380	50	3

Speed:	Opens in 4 seconds
Cycles:	100 per hr
Maximum Length:	12 Feet (Single Arm) 24 Feet (Wishbone Arm)
Dimensions:	44" H x 17" W x 17" D
Warranty:	One Year
Arm Configurations:	Wood Single & Articulated Arm = 12 Feet PVC Single & Articulated Arm = 10 Feet Wishbone Arm = 24 Feet
Listings:	UL325, Class I, II, III & IV

