



## Chain Barriers

### General Description

Chain barriers are designed especially for the parking lots where cars park side by side as a single row. There are two types of chain barriers, one is 8 mt (4 cars) and the other is 16 mt (8 cars). Closing longer clearances, raising/lowering faster and being much more vandal resistant are the main advantages of Optima chain barriers. Raise/lower time is approximately 7 seconds.

### MECHANISM

Chain barriers consist of two steel bodies which are placed at each end of the clearance to be controlled and the chain in between. In order to prevent rusting, chain and all the steel elements are galvanized. In addition, bodies are electrostatically powder coated to RAL 2004 and furnace. In case of power failure, two ends of the chain is connected to the mechanisms by the help of two padlocks. Each body is anchored to the ground by the help of an anchoring plate. Motors and control electronics are located on top of the bodies so that snow, rain etc accumulating on the ground does not affect the chain barrier.

### CONTROL ELECTRONICS

Chain Barrier is controlled by a PLC (programmable logic control). Raise/lower function can be achieved by every kind of card readers, biometric readers like fingerprint or hand shape, radio control, on/off switch or keys witch etc. Besides, safety accessories like loop detectors, photocells, flashing lights or red/green lights can be integrated to the control electronics very easily. Time delay raising of the chain barrier can be adjusted between 0 - 50 seconds.



## ENVIRONMENTAL CONDITIONS AND POWER REQUIREMENT

Between -20°C and +55°C, % 95 non- condensing humidity, 220 V 50 Hz

## OPTIONAL ACCESSORIES

1. Flashing or red/green light
2. Radio control receiver, transmitter and antenna
3. Safety photocell, standard casing
4. Raise/lower switch ( desktop)
5. Loop detector
6. Chain skirt

## TYPE DESCRIPTION

CB08 8 m (4 cars) clearance, raise/lower time is approximately 7 seconds

CB16 16 m (8 cars) clearance, raise/lower time is approximately 10 seconds

